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GUERNSEY BREEDERS' JOURNAL

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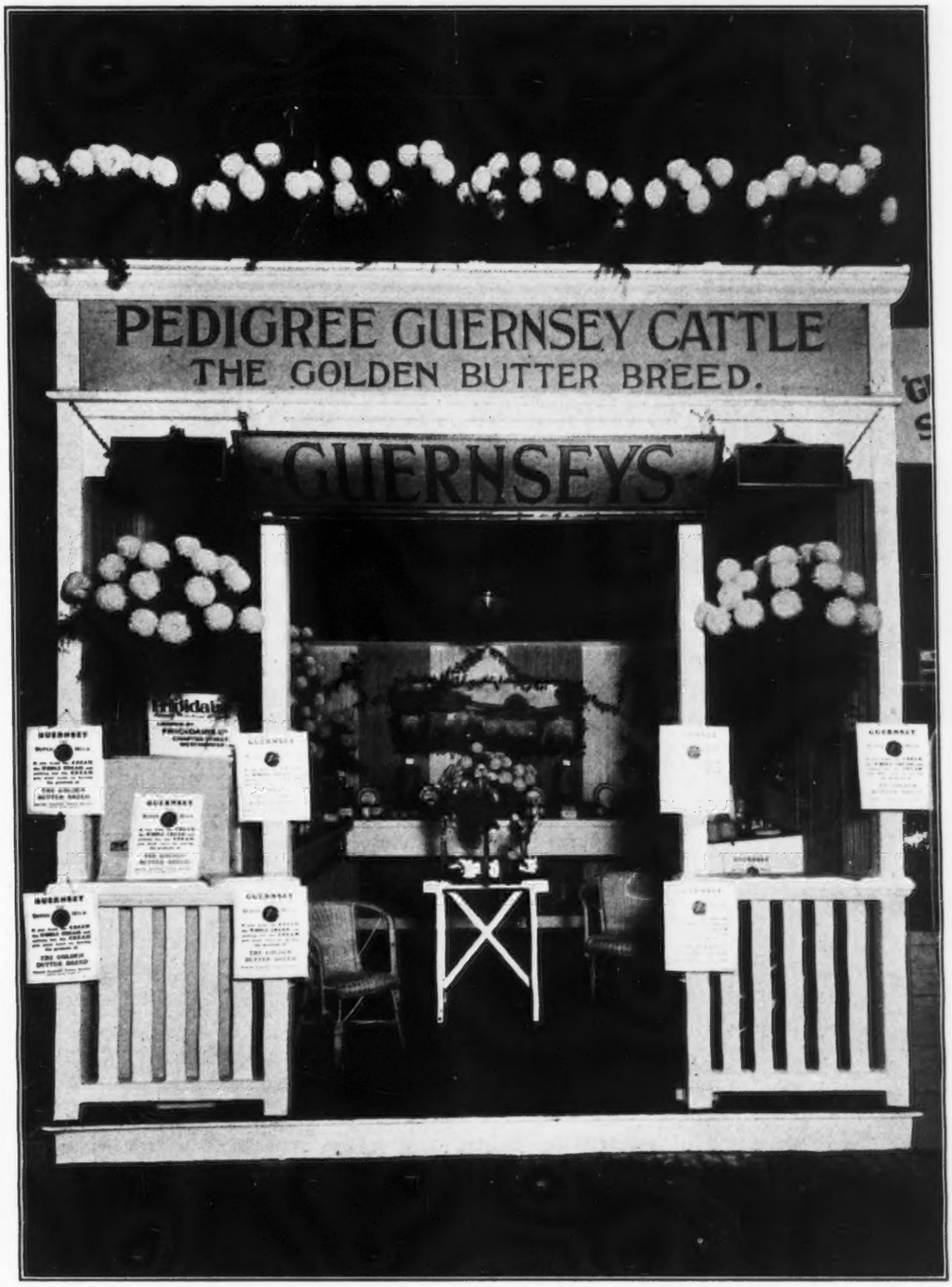
VOLUME XXXV.

JANUARY 1—JUNE 15

1929

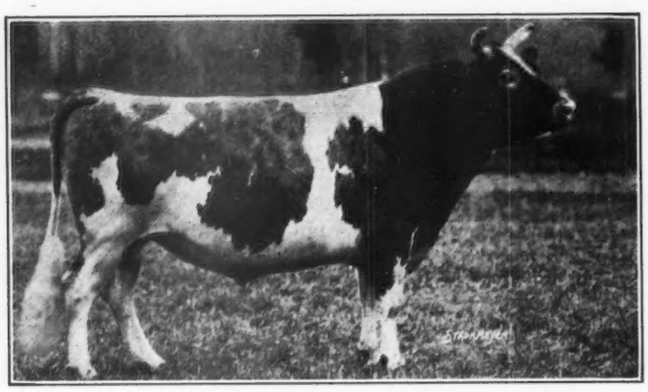
THE AMERICAN GUERNSEY CATTLE CLUB
PETERBORO, NEW HAMPSHIRE

An English Exhibit . . .



The Guernsey butter booth at the Dairy Show held at the Royal Agricultural Hall, Islington, London. This booth was prepared by the English Guernsey Breeders' Association.

Holliston Guernseys Breed On



Langwater Holliston 28055, A. R.

Herd sire at Rockingham and Greycourt Farms and fountain head of the prepotent Holliston Family, is now 15 years of age

Langwater Holliston 28055 has

31 A. R. Daughters 8 A. R. Sons 2 A. R. Grandsons

His Daughters

have an average of 586.7 pounds fat, only four records at mature age and 18 with first calf. All but five of his daughters old enough to have completed a test have qualified for the Advanced Register. Three have been Class Leaders. Four are Great Producing Dams. Langwater Levity 70293 was Grand Champion at the National Dairy Show, 1923, and her daughter, Shuttlewick Levity 101850, was Champion of 1927.

His Sons

have sired many high producers, including 6 Class Leaders. Brilliant Lassie 86452, by Lord Methuen 39442, A. R., is the Champion long time producer of the breed with 7 consecutive records averaging 683 pounds fat.

Holliston Guernseys are Prepotent

BREEDING STOCK FOR SALE

Rockingham and Greycourt Farms

Salem, New Hampshire - - Methuen, Massachusetts

Federal accredited and subject to agglutination test for infectious abortion

C. E. TISDALE, *Mgr.*— Address correspondence to D. G. TENNEY, *Owner*, 535 Fifth Avenue, Room 1002, New York City

GUERNSEY BREEDERS' JOURNAL

VOLUME 35 JANUARY 1, 1929 NUMBER 1

The American Royal Livestock Show

Dairy Show Exceeds Previous Years in Quality

THE American Royal Livestock Show at Kansas City, Missouri, for the fourth time has lived up to the policy of the great English show whose name it carries in that it again included dairy cattle in its classification. This show still depends largely on the generosity of the Chamber of Commerce of Kansas City and individual breeders or breed organizations for its dairy premium list. The dairy show this year exceeded previous shows in quality and in total numbers, and it was again made up, for the most part, of those herds that made the coast to coast circuit and were on their return trip from the Pacific International.

Guernseys were judged on Thursday, November 22, by Professor H. H. Kildee, Ames, Iowa. The awards conformed substantially with the placings of the same herds in previous shows so that a further discussion is hardly necessary other than a reference to the list of awards given below.

Guernsey interest at this year's show we believe exceeded that at any previous American Royal Show. This was partly due and was largely built around the recently organized Missouri Guernsey Breeders' Association. A booth was maintained by THE AMERICAN GUERNSEY CATTLE CLUB near the stabling of the Guernsey cattle. After Tuesday one or more of the officers of the Missouri Guernsey Breeders' Association was constantly in attendance. The same would also have applied to the Kansas Guernsey Breeders' Association had it not been for floods caused by a fall of some ten inches of rain in southern Kansas on the Friday before the show.

On Thursday evening a Guernsey dinner under the auspices of the Kansas and Missouri Guernsey Breeders' Associations, was enjoyed by some thirty breeders at the Savoy Hotel. After the dinner a directors' meeting of the Missouri Association was held at which plans for the year were discussed and work was done in committee on the constitution for the association.

Guernseys had the largest premium money of any dairy breed at this year's show. This was made possible by contributions from Paul R. Johnson, Independence, Kansas; W. G. Ransom, Homewood, Kansas; L. E. Vaughan, Oronogo, Missouri; Oak Hall Farm, Flemington, Missouri; Peter Cologna and Son, Marshfield, Missouri; Tom Cooper, Ardmore, Oklahoma, and Mort Woods, Ardmore, Oklahoma, in addition to the money raised by the Chamber of Commerce of Kansas City.

W. G. Ransom's herd completed at the American Royal Show the most successful show season it has ever had. Mr. Ransom, who has been so busy building roads in Arkansas that he has been unable to be with the herd at any previous show this season, had planned to spend the week at Kansas City, but the floods limited his visit to one day.

Paul Johnson and Joe Simmons make a great combination. The success and the showing of this herd together with Mr. Ransom's success makes Guernseys the only breed in Kansas to be represented by two National show herds.

The National Vocational Congress is held each year at the American Royal, but as yet none of the boys have ever had an opportunity to show dairy heifers. Sentiment was expressed this year that a junior dairy show has a proper place at the American Royal in addition to the present adult show.

The following is the list of exhibitors: Emmadine Farm, Hopewell Junction, New York; Glencliff Farm, Independence, Kansas; A. W. Knott and C. D. Gibson, Independence, Kansas; Dr. John V. Nevitt, Saint Louis, Missouri, and Ransom Farm, Homewood, Kansas.

The awards were as follows:

BULL, 3 YEARS AND OVER
Three in the Class

1, Border King of Roberts 71645, Glencliff Farm; 2, Shorewood Resolute 71989, Emmadine Farm; 3, Ransom Golden Dauntless 123455, Ransom Farm.

BULL, 2 YEARS AND UNDER 3
Three in the Class

1, Resolute's Eminent 130286, Emmadine Farm; 2, Foremost Laddie 130649, Emmadine Farm; 3, Lily's Danny of Fern-Dell 121800, Glencliff Farm.

BULL, 18 MONTHS AND UNDER 2 YEARS

1, Foremost's Chieftain 130309, Emmadine Farm.

BULL, 1 YEAR AND UNDER 18 MONTHS
Three in the Class

1, Douglas May King 140253, Knott and Gibson; 2, Foremost's R. King 147292, Emmadine Farm; 3, May Royal's Roamer 146500, Emmadine Farm.

BULL CALF, 4 MONTHS AND UNDER 12
Three in the Class

1, May Royal's Sheik 146505, Emmadine Farm; 2, Ransom Donnington Secret Stargazer 145323, Ransom Farm; 3, Ransom Amelia's Aristocrat 147721, Ransom Farm.

COW, 4 YEARS AND OVER
Eight in the Class

1, Imp. Gem's Pride of the Gron 160500, Emmadine Farm; 2, Priscilla of Grahamdale 133136, Glencliff Farm; 3, Flossie of Esperanza 104331, Emmadine Farm; 4, Fareda of Ransom Farm 122578, Ransom Farm.

COW, 3 YEARS AND UNDER 4
Five in the Class

1, Foremost's Babbette 186573, Emmadine Farm; 2, Leda of Ransom Farm 178045, Ransom Farm; 3, Alpha of Albright Farm 179118, Ransom Farm; 4, Valor's Beatrice 193951, Emmadine Farm.

(Continued on page 50)

The Secretion of Milk—Part II.

A Study of the Gland Structure

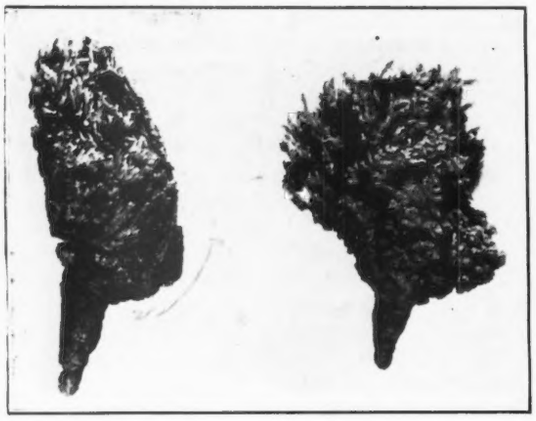
By C. W. TURNER

THE udder of the dairy cow is a real manufacturing plant.

Large manufacturing plants all have the same essential equipment. They must have transportation facilities for receiving the raw products, either by rail or water. In this respect the udder is no exception. The vascular system is very efficient with an abundance of blood going to every part of the udder. The detailed description of this system will be described later.

The finished product of the factory is usually stored until there is a demand for the product. The storage system of the mammary gland, the cistern and ducts, serves the same purpose. While milk secretion is a more or less continuous process, the demand for milk by the calf or milker is periodic.

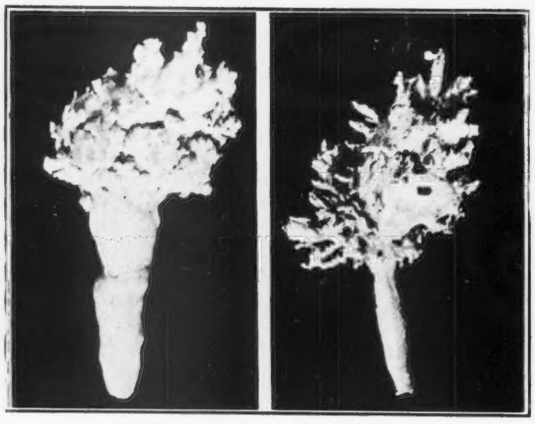
In the previous article, the larger divisions of the udder were described. A trip of exploration was being conducted through the factory starting at the entrance of the teat, the streak canal, into the cistern of the teat, then upward through a constriction of variable extent into the cistern of the gland. It was pointed out that the size of the cistern might be of considerable importance in relation to the rate and yield of milk. It might be compared to a large automobile factory with the finished automobiles coming off the endless belt on which they are assembled. At first there will be plenty of room to take care of the cars as soon as they are completed. Soon, however, if the storage yard is limited, they will start to get in the way and impede further progress. If the cars are not soon removed the assembling plant will entirely close down and cease production. The cistern of the udder acts in a similar capacity. If the secretory tissue is in large amount and capable of a very heavy secretion, its activity may be impeded by or limited by a small cistern.



Where the milk is stored. To determine where the milk is stored, wax was injected into an udder filling not only the cistern and larger ducts but also many of the smaller branches. When the surrounding tissue was removed the above results were obtained. (Missouri)

The Duct System

LEADING into the gland part of the milk cistern there are from eight to twelve milk ducts. Dr. Rubeli has described these ducts and has given an illustration. The following is a literal translation of his description: "If one cuts the gland, that has been hardened with formalin, above the cistern and views these ducts they appear for the most part as concentric oval openings. They give the cistern wall the appearance of a coarse meshed sieve. However, the distribution is not symmetrical. In the front quarters, in the case observed, the chief ducts were found on the outer wall, while on the inner side they are separate and do not show much development. In the rear quarters the distribution is less irregular, although the openings on the posterior side are still more numerous and larger than in the other parts. This view of the duct system has been likened to a strainer in appearance in which the branches of the ducts and the partitions form the sieve."



The storage system of the udder. The cistern of the mammary gland of the cow has been described as frequently being short and broad and setting on the teat part like a mushroom. A plaster of Paris cast of a teat and gland cistern is shown on the left while a metal cast is shown on the right. (Missouri)

The larger milk ducts are generally short and wide. In an extended condition they appear in cross section as eliptical while in an empty condition appear as slits. It was thought at one time that there were circular muscles (sphinster) at the openings of these ducts which could close and thus permit the cow to "hold up her milk." Evidence accumulating indicates that this is not the mechanism by which the cow regulates the "pouring down" of milk. While they probably cannot be closed entirely, it seems probable that there are smooth muscles running both circularly and lengthwise, the latter of which may further shorten the ducts upon constriction.

In the front quarters studied by Dr. Rubeli, the course of the ducts was to one side, of which the largest and longest branches made an angle of thirty degrees to thirty-five degrees from the stem toward the outside. In the rear quarter the ducts inclined toward the rear and with the small branches extending in the opposite direction. He concludes from these relations that the manual withdrawal of milk is more complete when the stroke of milking is made in the direction of the large milk ducts. This is accomplished in criss-cross milking, that is, milking the left front and the right rear quarters, and the right fore and left rear together.

The wax reconstructions of the duct systems are of great practical interest as they show a system of tubes which seem to be designed as a storage system. The unique characteristic of these ducts is the great variability in diameter. They do not gradually become smaller and smaller, but quickly change from a wide egg shaped collecting space to a smaller duct and then again enlarge. The branches from these main ducts are very small at the point where they leave the main stem, but then frequently enlarge and again constrict in turn at the points where they give off branches.

It seems reasonable that these collecting spaces

Where milk is secreted. The ducts finally become minute capillary tubes at the ends of which are circular enlarged ends in which the milk is secreted. These structures are called alveoli or acini. Figure one shows an enlargement of a group of these alveoli within a lobule. In figure two is shown a cross-section of one alveolus in an inactive condition. It will be noted that the cells are flat and the lumen is empty. Figure three shows an alveolus in an active condition with the cells elongated with milk and fat globules.

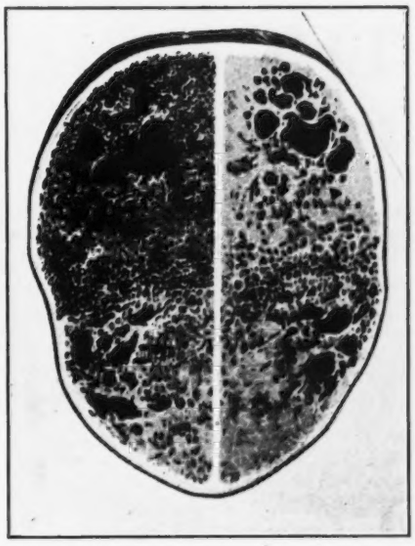
throughout the udder greatly increase the holding capacity and permit the accommodation in the gland of all the milk usually obtained at a given milking. The evidence for the above statement is reserved for a later section. It appears further that these enlargements of the ducts followed by constrictions causes the gland to fill with milk from the extremity or parts fartherest from the large ducts and the cistern of the gland. It has been suggested that the proper massage of the udder would aid in forcing the milk down into the cistern so that it can be removed.

The duct system finally becomes minute capillary tubes at the ends of which are circular enlarged ends in which the milk is secreted. These tiny structures are called alveoli or acini. They are entirely lined by epithelial secreting cells, one layer thick, in which the actual secretion of milk takes place. An alveolus has sometimes been likened to a single grape and the stem its connecting duct. The alveolus is hollow and the cavity has been called the lumen. If a microscopic section were made through a single alveolus it would look like a capital O. The cells face inward and pour their secretion into the center, the lumen. This milk first fills up the cavity and then is forced down through the duct into the collecting spaces in the larger ducts and eventually into the cistern.

I. Cross-section of the upper part of a cow's teat during the interval between milking. The round figures indicate the blood vessels and the irregular, slit-like figure at the center, the contracted cavity of the teat.

The secreting tissue which is made up of ducts and alveoli is supported by connecting tissue. Its function, as the name suggests is to support, connect and hold the entire gland in a compact mass. A sheet of this delicate tissue entirely surrounds groups of alveoli which the anatomists call a lobule. This may include a dozen or more alveoli although there are occasionally less. The duct which connects these alveoli within the lobule is called an intralobular duct. This duct then passes out of the lobule and joins ducts coming from other lobules. This duct is called an interlobular (between lobules) duct. A heavier connective tissue layer binds or encloses a number of lobules to form a lobe. The divisions are visible to the eye as white fiber-like compartments surrounding the orange colored gland tissue.

Sometimes the connective tissue develops excessively and forms a hard, fibrous udder. Such udders may be of large size, but due to the large amount of connective tissue which in no way aids in milk secretion give a false impression of the possible milk producing capacity of the udder. The soft, pliable udder, that after milking "shrinks away to nothing" must be one in which the connective tissue is only sufficient to perform its function. Thus there is a real anatomical basis for the preference of dairymen for cows which have this desirable characteristic.



The duct system of the udder. If one cuts the udder above the cistern the larger ducts may be seen. This view has been likened to a strainer in appearance in which the branches of the ducts and the partitions form the sieve. The central dividing septum between the halves is very evident. (From Rubeli)

The Tiny Milk Factory—The Secreting Cell

LET us now examine more closely the tiny cells in which the nutrients in the blood are transformed into the various component parts of milk, fat, sugar, protein and ash or mineral constituents. Each individual cell in an alveolus is similar in structure. It contains a nucleus, a darkly colored body which is quite essential to a living cell. Without a nucleus the cell soon dies. It is also important in connection with the secretory activity of the cell. These nuclei may divide and form two cells.

In addition to the nuclei there is a watery material called protoplasm which makes up the rest of the cell. In some yet unknown way, the cells of the alveoli take the component parts of the blood and gradually reform them into milk.

II. Cross-section of the upper part of a cow's teat during milking. Note that the teat cavity is distended, while the blood vessels are contracted and carry relatively little blood. (From Rubeli)

The cells are at first rather flat in shape, after milking, but gradually elongate as the cells fill up with milk. How long this process takes is unknown. This milk is then discharged into the collecting space (the lumen of the alveolus). These cells then return to their original flat condition and again gradually fill up with milk and again discharge their products into the lumen.

Another of the many unsolved problems of milk secretion is the exact method involved in discharging the secreted milk from the cell into the lumen. Some investigators believe that the milk passes out of the cell without the cell wall or membrane being affected. It is well known that constituents in solution in a fluid can pass through cell walls in this way. Thus the milk sugar, albumin, mineral matter, could pass through without difficulty. Milk fat and most of the casein is in suspension or in a colloidal state and it is more difficult to account for the passage of these constituents out of the cell.

Other workers in the field of milk secretion believe that the milk is discharged at certain times by a

(Continued on page 49)

Selling Golden Guernsey Milk

Newspaper Advertising Used in Promotion Idea

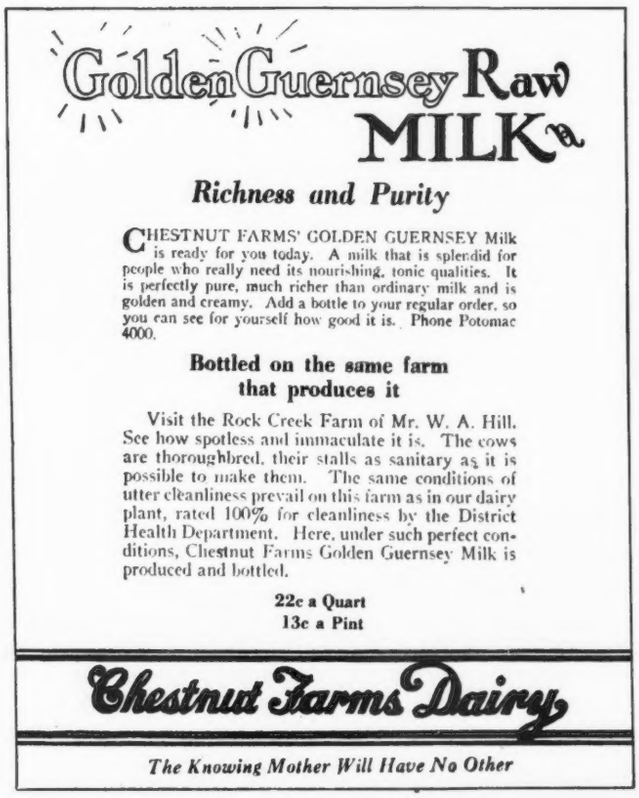
AFTER the production of Golden Guernsey milk there is the problem of salesmanship. The complete story of selling the product would be a long one, but we feel it worth while to present two advertising methods which have proved satisfactory.

In the first case, Rock Spring Farm, Rockville, Maryland, owned by William A. Hill, needed a market for between 400 and 500 quarts of milk. After proper persuasion with the Chestnut Farms Dairy, one of the Washington, District of Columbia, prominent distributors, arrangements were made whereby the entire production would be handled through the distributor. In order to comply with the requirements of an exceptionally clean milk, a new dairy building was constructed and equipped with all modern conveniences on the Rock Spring Farm. This included a complete cooling system, bottling machine, washer, sterilizer and other necessary tools for handling the milk.

An agreement was made between the farm and dairy distributor whereby the Chestnut Farms Dairy would take over the entire production and handle the advertising. It must be remembered that the distributor was handling a good many thousands of quarts of milk daily, and to put on a special Golden Guernsey variety was adding one more special to the already long list. Because of the large number of specials, two things were required to present another milk to the consumer —purity and richness. To secure purity in the product they were to handle, it was necessary for N. O. Terpening, farm manager, to agree to supply milk and deliver it in bottles under an average bacterial count of 3,000. To guarantee richness the milk had to test 4.8 per cent. butter fat. These two requirements have been met by the farm.

The contract price is sufficient to take care of the extra requirements for producing clean, raw milk, and arrangements have been made so that the dairy equipment can handle 2,000 quarts a day. The supply was started on May 15, and each month has seen an increase in the amount desired.

One feature that is quite significant in the handling of a low bacterial count milk is the fact that their 400 quarts are bottled in new bottles each day. This is made possible by the fact that the Chestnut Farms Dairy, handling so many thousands of bottles daily, can start a new supply through the Rock Spring Farm.



In the four advertisements given on these pages from the Chestnut Farms Dairy, the copy was written by their special advertising representative. The first was a small advertisement appearing in the daily papers of Washington, announcing that on Monday the new dairy product would be placed on the market. This was followed by such advertisements as the three others given below featuring Golden Guernsey raw milk. A study of the series of four advertisements placed in the papers will present many suggestions to the person wishing to open a new market.

Golden Guernsey Raw MILK

Golden, creamy, extra-rich

RICHER in appearance, richer in taste, richer in actual nourishment than ordinary milks, GOLDEN GUERNSEY Milk, the newest Chestnut Farms Dairy product, is sure to please you. It is exceptionally high in butterfat content, and especially good for people who want a milk which is more nourishing.

Bottled by W. A. Hill on His Model Dairy Farm

Mr. Hill takes great pride in the perfectly sanitary condition of Rock Spring Farm. His equipment is sterilized before and after use. His men wear freshly laundered uniforms. He uses every safeguard known to science, and no effort has been spared to make this a perfect dairy farm. His farm buildings are as immaculate as the Chestnut Farms Dairy Plant, which is rated higher than all others in the District. And Chestnut Farms Golden Guernsey Milk is put into sterilized bottles right at the farm, and protected with an extra hood-seal cap.

22c a Quart
13c a Pint

Chestnut Farms Dairy

The Knowing Mother Will Have No Other

The larger size advertisements were used in a space approximately three columns wide and eight inches long. The series of advertisements given on "milk users," was taken from a campaign put over by the Rock County Guernsey Breeders' Association. In the campaign, Eugene Steinaker, secretary of the association and owner of Edgewater Home Farms, states that these, along with several other advertisements, were run in the papers of Beloit and Janesville, Wisconsin. These two cities have a combined population of nearly 50,000, and the advertisements were run on Friday for thirteen consecutive weeks in two daily papers. The advertisements were published with those of grocery stores, and a space two columns wide and two inches deep was used. In other words, eight inches were carried in the two papers each Friday at a cost to the association of between seventy-five and eighty dollars for the series of thirteen advertisements.

(Continued on page 50)

MILK USERS

It has frequently come to our attention that certain consumers have felt that they were not getting Guernsey Milk as represented. Our future ads will carry the names of dealers that do deliver genuine whole Guernsey Milk (labeled to indicate as much) produced by the members of the undersigned association who are pledged to supply the dealers with clean, wholesome Guernsey Milk.

Rock County Guernsey Breeders Assn. Co-op.
Eugene Steinaker, Secy.

Where milk may be secured

— MILK USERS —

Did you know that an eminent specialist has found that every growing child should have at least one quart of Guernsey milk and each adult a pint every day. GUERNSEY MILK IS THE ECONOMY FOOD—Look for the label. The following dealers have it: Dougan Guernsey Farms, Highland Guernsey Farm, Merrick Dairy Company, Willowbrook Farm, Wright & Wagner Dairy Company—Beloit and Clinton. Any justifiable complaints will be gladly entertained by

Eugene Steinaker, Sec'y.
Eugene Steinmaker, Sec'y.

Amount of milk required each day

MILK USERS

Did you know that Guernsey Milk has 30% more solids on the average than any other milk known? For the most part solids are proteins which is an element that every growing creature needs in abundance. Such milk can be had from the following dealers:

ARBUTHNOT & RANDALL, MERRICK DAIRY CO.
JANESVILLE PURE MILK CO. OTTO UEHLING, AFTON.

Any justifiable complaints will be gladly entertained by

ROCK COUNTY GUERNSEY BREEDERS' ASSOCIATION CO-OP.
Eugene Steimaker, Secretary.

Thirty per cent. more solids in Guernsey milk

MILK USERS

What would you give to know that your youngster would grow up to be a strong, robust, vigorous, energetic, capable, attractive, honorable man or woman. Barring accidents a quart of Guernsey milk daily is your greatest assurance. More so now than ever. GUERNSEY MILK IS THE ECONOMY FOOD.

Do not gulp Guernsey milk—Sip it. Will you order today from

ARBUTHNOT & RANDALL JANESVILLE PURE MILK CO.
MERRICK DAIRY CO OTTO UEHLING, Afton

Additional information will be gladly furnished by

ROCK COUNTY GUERNSEY BREEDERS' ASS'N. CO.-OP.
Eugene Steinaker, Secretary

Guernsey milk as growth producer

MILK USERS

Did you know that Guernsey milk is the best possible food you can give to the youngster to make strong vigorous bones and teeth? Not much chance of bow-legs where Guernsey milk is the principal item of their diet, besides it's good for your own bones. We repeat, Guernsey Milk is the Economy Food. Look for the label and order today from

ARBUTHNOT & RANDALL, MERRICK DAIRY CO.
JANESVILLE PURE MILK CO. OTTO UEHLING, AFTON.

Any justifiable complaints will be gladly entertained by

ROCK COUNTY GUERNSEY BREEDERS' ASS'N. CO-OP.
EUGENE STEINAKER, Secretary.

Best possible food

The Royal Winter Fair

Canada Makes Good Guernsey Showing

THE Royal Winter Fair, held at Toronto, Canada, brought out a good showing of Canadian Guernseys. All of the classes were well filled and nine breeders were there with their show herds on exhibition. William K. Hepburn, superintendent at Dr. Thomas F. Branson's farm at Anselma, Pennsylvania, judged the Guernseys and the breeders were very much pleased with his judging making the statement that he was a painstaking judge and they wished to express their appreciation of his work.

The following breeders exhibited at the show: Don Alda Farms, Todmorden, Ontario; Martindale Farms, Saint Catharines, Ontario; F. W. Swindells, Princeport, Nova Scotia; F. M. Tobin, Woodstock, Ontario; A. M. Shaver, Ancaster, Ontario; George W. Cornwall, Dauphin, Manitoba; M. D. Leonard; John A. McKillop, and John Lockhart.

In the junior bull calf class, first award went to Don Alda Farms on Don Alda Ultra Laddie 6421. Martindale Farms took second place and F. W. Swindells third. The senior bull calf class brought out some good young bulls, first place going to F. W. Swindells on Beech Hill Lindy 6434 that later was awarded junior championship and reserve grand championship. The first place animal won over the second on better head, neck, rump and quality throughout, while the second placed over the third on heart girth and general quality. Don Alda Farms came back strong in the junior yearling bull class winning with Don Alda Mixter Radiant 5719. Tomac Bellarion 5796, owned by F. M. Tobin, was a close contender for first place, but was not quite good enough to win over the Don Alda entry. Orchard View Diamond 6654, owned by F. W. Swindells, secured third place. The senior yearling bull class was won by Don Alda Farms with Don Alda Mixter Sequel 5614 that was later made reserve junior champion.

A. M. Shaver, a new comer, had the outstanding two year old bull in Delight's Danny of Fern-Dell 5081, while George W. Cornwall, also a new comer in the show ring, secured second place with Victor of Glenwood 4848. The many times champion, Langwater Marmion's Prince Edward 3003, again led the senior bull class and eventually secured the senior and grand championship for the Swindells herd. Second place went to Martindale Farms with Martindale Aristocrat 3875 and third place went to Don Alda Farms with Foremost's Lad 4812.

Don Alda Mixter Raider 5719, winner in the junior yearling class, was outstanding in the yearling production class and Beech Hill Lindy 6434, owned by F. W. Swindells, occupied the same position in the junior production class. The female as well as the male classes brought out some particularly nice animals and the experts at the ringside were of the unanimous opinion that as a whole the Guernsey exhibit was fully fifty per cent. better than in previous years.

F. W. Swindells was the winner in the senior dry cow class with Pansy of Hillcrest 3701, while Saugerties Ultra Clematis 4743 was a close second for Don Alda Farms. The first cow excelled in dairy quality and texture of udder. In the junior dry cow class Don Alda Farms won first place with Christine's Beauty 5686, a cow of quality with an excellent udder which placed her over Martindale Flower 5188 that secured second place.

The senior yearling heifer class brought out seven fine heifers with Beech Hill Valentine 5241, owned by F. W. Swindells, winning first place. This heifer was superior in udder formation and spring of rib to the second place animal, Quantia of Meadow Springs, owned by A. M. Shavers. Ten junior heifers lined up before Judge Hepburn, and Imp. Thought of the Lohiers 231397 was the outstanding heifer in the class. Thirteen heifers were shown in the senior calf class and again Don Alda Farms scored winning first, second and fourth places while Martindale Farm secured third. A good class of junior heifer calves was topped by Don Alda Daisy 6410, owned by Don Alda Farms. Beech Hill Secret 5464, owned by F. W. Swindells, secured second place.

As the mature cows in milk were leaving the ring Judge Hepburn remarked that they were "a nice bunch of cows." Lillyetta of Chicona 4739, shown by Don Alda Farms was outstanding. Don Alda Farms also won in the four year old class of cows in milk with Saugerties Betsy 4745. F. W. Swindells came to the front in the three year old class of cows in milk with Orchard View Ruby 6661. She had a better udder and a little more quality than the second cow, Don Alda Mixter Nuncier 4238 that was better than the third cow in top line. In the junior milking class, F. W. Swindells had an outstanding winner in Aviator's Dairymaid of H. 4955 while Martindale Hope 4442, owned by Martindale Farm, placed second.

Following is the list of awards:

Bull Calf, Under 6 Months

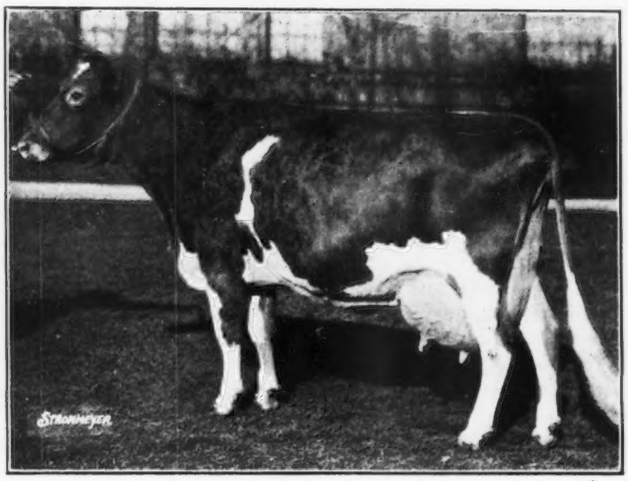
1, Don Alda Ultra Laddie 6421, Don Alda Farms; 2, Martindale Commander 6917, Martindale Farms; 3, Martindale Idol 6916, Martindale Farms; 4, Beech Hill Governor 6557, F. W. Swindells; 5, Tomac Deanie's Gree Star 6594, F. M. Tobin; 6, Don Alda Lad's Senor 6681, Don Alda Farms.

Bull Calf, 6 Months and Under 12

1, Beech Hill Lindy 6434, F. W. Swindells; 2, Don Alda King of the May 6415, Don Alda Farms; 3, Don Alda Itchen Raider 6420, Don Alda Farms; 4, Beech Hill Marmion 6435, F. W. Swindells; 5, Don Alda Betsy's Royal 6425, Don Alda Farms.

Bull, 1 Year and Under 18 Months

1, Don Alda Mixter Radiant 5719, Don Alda Farms; 2,



Lillyetta of Chicona 4739, grand champion female, owned by Don Alda Farms, Todmorden, Ontario

Tomac Bellarion 5796, F. M. Tobin; 3, Orchard View Diamond 6654, F. W. Swindells; 4, Foremost of Don Alda 6112, Don Alda Farms; 5, Martindale Jeweler 5765, Martindale Farms; 6, Martindale Knight 5761, Martindale Farms.

BULL, 18 MONTHS AND UNDER 2 YEARS

1, Don Alda Mixter Sequel 5614, Don Alda Farms.

BULL, 2 YEARS AND UNDER 3

1, Delight's Danny of Fern-Dell 5081, A. M. Shaver; 2, Victor of Glenwood 4848, George W. Cornwall; 3, Bendemere Pencoyd 4978, Don Alda Farms.

BULL, 3 YEARS AND OVER

1, Langwater Marmion's Prince Edward 3003, F. W. Swindells; 2, Martindale Aristocrat 2875, Martindale Farms; 3, Foremost's Lad 4812, Don Alda Farms; 4, Captain Prim 3403, Don Alda Farms; 5, Orchard View Bell Pride 6653, F. W. Swindells.

BULL, UNDER 1 YEAR, WHOSE SIRE OR DAM IS QUALIFIED IN THE R. O. P.

1, Beech Hill Lindy 6434, F. W. Swindells; 2, Don Alda King of the May 6415, Don Alda Farms; 3, Don Alda Itchen Raider 6420, Don Alda Farms; 4, Martindale Commander 6917, Martindale Farms; 5, Martindale Idol 6916, Martindale Farms; 6, Don Alda Betsy's Royal 6425, Don Alda Farms.

BULL, OVER 1 YEAR AND UNDER 2, WHOSE SIRE OR DAM IS QUALIFIED IN THE R. O. P.

1, Don Alda Mixter Radiant 5719, Don Alda Farms; 2, Don Alda Mixter Sequel 5614, Don Alda Farms; 3, Orchard View Diamond 6654, F. W. Swindells; 4, Martindale Jeweler 5765, Martindale Farms; 5, Martindale Knight 5761, Martindale Farms; 6, Foremost of Don Alda 6112, Don Alda Farms.

COW, 3 YEARS OR OVER NOT IN MILK

1, Pansy of Hillcrest 3701, F. W. Swindells; 2, Saugerties Ultra Clematis 4743, Don Alda Farms; 3, Abbeyleix Queen Mary 3274, Don Alda Farms; 4, Marmion's Dairymaid 5064, F. W. Swindells; 5, Pansy of Burkeville 5284, Don Alda Farms; 6, Martindale Faith 4441, Martindale Farms.

COW, 2 YEARS AND UNDER 3 NOT IN MILK

1, Christine's Beauty 5686, Don Alda Farms; 2, Martindale Flower 5188, Martindale Farms; 3, Martindale Roseleaf 4925, Martindale Farms; 4, Cairnpat Dairymaid 3rd 4831, Don Alda Farms.

HEIFER, 18 MONTHS AND UNDER 2 YEARS

1, Beech Hill Valentine 5241, F. W. Swindells; 2, Quantia of Meadow Springs, A. M. Shaver; 3, Saugerties Rose 5288, Don Alda Farms; 4, May Royal Emmie 6115, Don Alda Farms; 5, Martindale Rosie 5760, Martindale Farms; 6, May Royal Dainty 6113, Don Alda Farms.

HEIFER, 1 YEAR AND UNDER 18 MONTHS

1, Imp. Thought of Lohiers 231397, Don Alda Farms; 2, Don Alda Prosperity 2nd 5718, Don Alda Farms; 3, Don Alda Madge Chena 5611, Don Alda Farms; 4, Beech Hill Marmion's D. R. 5698, F. W. Swindells; 5, Beech Hill Marmion's J. B. 5699, F. W. Swindells; 6, Bendemere Harvest Queen 6204, M. D. Leonard.

HEIFER, 6 MONTHS AND UNDER 12

1, Don Alda Mixter Mary 6423, Don Alda Farms; 2, Don Alda Loyal Maid 6414, Don Alda Farms; 3, Martindale Faithful 6329, Martindale Farms; 4, Don Alda Golden Lady 6424, Don Alda Farms; 5, Orchard View Lily 6653, F. W. Swindells; 6, Orchard View Pussywillow 6665, F. W. Swindells.

HEIFER CALF, UNDER 6 MONTHS

1, Don Alda Ultra Daisy 6410, Don Alda Farms; 2, Beech Hill Secret 5464, F. W. Swindells; 3, Don Alda Lan's Favorite 6411, Don Alda Farms; 4, Rosebud of Ivan Hurst, Martindale Farms; 5, Martindale Opal 6912, Martindale Farms; 6, Beech Hill Beauty 6436, F. W. Swindells.

COW, 5 YEARS AND OVER IN MILK

1, Lillyetta of Chicona 4739, Don Alda Farms; 2, Martindale Rosemary 3243, Martindale Farms; 3, Glen Gable Emblem 3273, Don Alda Farms; 4, Sea View Queen 2995, F. W. Swindells; 5, Mixter Beauty 2908, F. W. Swindells; 6, Captain's Dairymaid 2466, F. W. Swindells.

COW, 4 YEARS AND UNDER 5 IN MILK

1, Saugerties Betsy 4745, Don Alda Farms; 2, Westview Arbutus 5283, Don Alda Farms; 3, Beauty's Valentine 3699, F. W. Swindells; 4, Lillian of Willow 3743, F. W. Swindells; 5, Ultra Queen of Roseneath 4123, John A. McKillop; 6, Saugerties Ultra Anna 4744, Don Alda Farms.

COW, 3 YEARS AND UNDER 4 IN MILK

1, Orchard View Ruby 6661, F. W. Swindells; 2, Don Alda Mixter Nuncier 4238, Don Alda Farms; 3, Valentine's Endymia's May, F. M. Tobin; 4, Colleen of Willow 4208, F. W. Swindells; 5, Tomac Fleur D'or 5673, John Lockhart; 6, Don Alda Mixter Girl 4243, Don Alda Farms.

COW, 2 YEARS AND UNDER 3 IN MILK

1, Aviator's Dairymaid of H. 4955, F. W. Swindells; 2, Martindale Hope 4442, Martindale Farms; 3, Marmion's Jean 4997, F. W. Swindells; 4, Cloverdale Trixie 4957, Don Alda Farms; 5, Florence of Markendale 5460, F. W. Swindells; 6, Gem's Pride's Good 5685, Don Alda Farms.

COW, 6 YEARS OR OVER, HAVING AN OFFICIAL RECORD BEGUN AT 4 YEARS OR OVER

1, Lillyetta of Chicona 4739, Don Alda Farms; 2, Captain's Dairymaid of H. 2466, F. W. Swindells; 3, Sea View Queen 2995, F. W. Swindells; 4, Abbeyleix Queen Mary 3274, Don Alda Farms; 5, Victor of Meadowmere, John A. McKillop; 6, Lady Frances Falwick 6655, F. W. Swindells.

COW, UNDER 6 YEARS HAVING AN OFFICIAL RECORD

1, Saugerties Betsy 4745, Don Alda Farms; 2, Westview Arbutus 5283, Don Alda Farms; 3, Beauty's Valentine 3699, F. W. Swindells; 4, Lillian of Willow II. 3743, F. W. Swindells; 5, Marmion's Dairymaid 5064, F. W. Swindells; 6, Colleen of Willow 4208, F. W. Swindells.

SENIOR AND GRAND CHAMPION BULL

Langwater Marmion's Prince Edward 3003, F. W. Swindells.

RESERVE SENIOR AND GRAND CHAMPION BULL

Beech Hill Lindy 6434, F. W. Swindells.

JUNIOR CHAMPION BULL

Beech Hill Lindy 6434, F. W. Swindells.

RESERVE JUNIOR CHAMPION BULL

Don Alda Mixter Sequel 5614, Don Alda Farms.

SENIOR AND GRAND CHAMPION FEMALE

Lillyetta of Chicona 4739, Don Alda Farms.

RESERVE SENIOR AND GRAND CHAMPION FEMALE

Fanny of Hillcrest 3701, F. W. Swindells.

JUNIOR CHAMPION FEMALE

Beech Hill Valentine 5241, F. W. Swindells.

RESERVE JUNIOR CHAMPION FEMALE

Imp. Thought of the Lohiers 231397, Don Alda Farms.

GRADED HERD

1, F. W. Swindells; 2, Don Alda Farms; 3, F. W. Swindells; 4, Martindale Farms.

DAIRY HERD

1, Don Alda Farms; 2, F. W. Swindells; 3, F. W. Swindells; 4, Don Alda Farms.

GET OF SIRE

1, Don Alda Farms; 2, F. W. Swindells; 3, Martindale Farms; 4, F. W. Swindells; 5, Don Alda Farms.

PRODUCE OF DAM

1, F. W. Swindells; 2, Don Alda Farms; 3, John A. McKillop; 4, Martindale Farms; 5, F. W. Swindells.

THREE ANIMALS, ANY AGE, NOT MORE THAN ONE MALE, SIRED BY ONE QUALIFIED SIRE

1, Don Alda Farms; 2, Martindale Farms; 3, Don Alda Farms; 4, Don Alda Farms.

JUNIOR HERD

1, F. W. Swindells; 2, Don Alda Farms; 3, Don Alda Farms; 4, F. W. Swindells; 5, Martindale Farms.

EDITORIAL COMMENT

Greetings

WE greet you with a Happy New Year for 1929 and sincerely wish that only the good things of the past year may be passed on to the coming one. We wish to extend our appreciation to our many subscribers and advertisers for their interest in the JOURNAL and hope to warrant a further and deeper feeling of mutual cooperation during the coming twelve months.

The JOURNAL has a four-fold mission which we will endeavor to enlarge and improve upon during the next twenty-four issues. Briefly stated this mission is:

One—To present to the breeders the development of the breed by reporting the events and happenings in the Guernsey world.

Two—To lead the breeders of Guernseys in advanced breed and dairy thought.

Three—to encourage young breeders by presenting to them through the pages of the magazine the achievements of others.

Four—To present news of leading progressive herds through the pages of their advertisements.

It is the earnest desire of the JOURNAL to fulfill this four-fold mission during the year 1929 so we may help extend prosperity and happiness to our ever increasing family.

Udder Diseases of the Cow

"UDDER Diseases of the Cow," a new book written by Dr. A. S. Alexander, has recently been placed on the market. Dr. Alexander is Professor of Veterinary Science at the University of Wisconsin, and has had extensive practice. The book is published with the hope that it may be of assistance to all who are engaged in the estimable work of maintaining the health of dairy cows, combating their ailments and insuring the purity of milk. It is the outcome of the author's more than forty-five years of experience as a farmer, practitioner, dairy inspector, teacher and consulting veterinarian. In it are discussed the diseases commonly affecting the mammary glands of the cow and it presents instructively other subjects of vital importance relating to the production of pure milk. Prevention of disease is stressed, prompt employment of a qualified veterinarian advised and scrupulous cleanliness advocated as a paramount necessity of modern dairying.

It is of supreme importance that the udders of the 20,000,000 or more dairy cows of America be kept unaffected by disease, that the milk they produce shall be pure, safe and wholesome for human consumption. This book tells clearly how udder diseases may be prevented, or treated, and milk protected from dangerous contamination. In part one, the student is informed regarding the structure of the udder, its good and objectionable characters and the composition of milk; then the diseases of the udder and teats are discussed in detail, with particular reference to their causes and the means by which they may be prevented. Simple, practical methods of treatment are also prescribed. In part two, milk hygiene is given attention and other subjects, intimately related with the production of clean milk, are fully considered.

The book may be secured from the Alexander Sales Agency, 811 Spaight Street, Madison, Wisconsin. The price is $2.20 postpaid.

Stand Against Fraudulent Advertising

THE JOURNAL has joined with the publishers of 6,000 other periodicals in its stand against fraudulent advertising. This is no new movement on the part of this publication. For many years the JOURNAL has stood for truthfulness in advertising and has refused many questionable advertisements. It may be said, however, that most of these advertisements have been of a commercial nature rather than that of breed advertising.

Recently, the Federal Trade Commission at Washington, District of Columbia, called a trade practice conference of the publishers of periodicals in this country. Representatives were sent to this conference for the purpose of agreeing on a definite program against fraudulent advertising. While it was impossible for the JOURNAL to be represented in person, it had previously agreed with the Trade Commission on the attitude they wished to take. As a result of the conference, the resolution given below was unanimously adopted and the JOURNAL became one of those agreeing to follow the principles laid down by the findings of the conference.

"WHEREAS, at this Conference or Trade Practice for Periodicals, held in response to the call of Honorable W. E. Humphrey, Chairman of the Federal Trade Commission, Chairman Humphrey has said in part: 'The majority of the periodical publishers not only obey the law but often go far beyond what the law requires in selecting the advertisements they will publish. I do not believe there is an industry in America conducted by more honest, high-minded, public spirited men and women than the publication industry. I do not believe that any industry in America has greater power for good. I believe that the future greatness and security of the nation rests to a greater extent upon the publishing industry than probably any other';

"BE IT RESOLVED, that we express our sincere appreciation of such commendation, from so high an official and personal source, of the principles and conduct of the publishing industry; and

"WHEREAS, the record of the publishing industry for many years past shows that the very great majority of such publishers have, of their own initiative, taken measures to eliminate fraudulent advertising from their columns, and have recommended every practicable suggestion to increase the efficiency of such measures,

"BE IT RESOLVED that we recognize the fact that the National Better Business Bureau, an organization composd of and supported by the business of advertising, is the most competent agency of assistance to the business of advertising in preventing fraud in advertising and selling and that said Bureau has expressed its willingness to cooperate in every way with publishers in eliminating fradulent advertising;

"BE IT FURTHER RESOLVED, that we desire and will recommend every cooperation and assistance of the National Better Business Bureau, and said Bureau having expressed its willingness and ability to do so, we request said Bureau to advise periodical publishers generally and, wherever deemed advisable, any governmental agency, whenever advertising which is being

published or is likely to be offered for publication, is established by said National Better Business Bureau to be fraudulent upon reasonable investigation and notice to the person complained of."

Material Wanted

IT IS the purpose of the JOURNAL to serve as fully as possible the needs and requirements of its position with the breeders. In order to do this we are desirous of having the dates and places of all state association meetings, sales, fairs and the like. In fact, there are many county association meetings which might be listed to great advantage to their own organization. In order to maintain our regular sales and meetings list found on this page we would appreciate receiving the dates of all sales and meetings.

New Bulletin

"LEGUME Hays for Milk Production" is the title of a new bulletin issued by the United States Department of Agriculture and known as Farmers' Bulletin 1573. After discussing the comparison of legume hays and timothy in yield of protein and other nutrients, J. R. Dawson, Senior Dairy Husbandman, says: "Legumes are superior to other hays in palatability, in quantity and quality of the proteins furnished, and in content of lime. As a class they yield more nutrients per acre than do nonlegumes, and protein is obtained at a lower cost.

"In spite of these facts, only forty-one per cent. of the hay grown in the United States is legume hay. In the North Central and North Atlantic States, which contain sixty-six per cent. of all the dairy cows, the farmers grow two tons of nonlegume to one ton of legume hay. Leafy, small-stemmed hay, cut before it is too mature and properly cured without being rained on is best. Alfalfa hay is considered best for dairy cows, followed closely by clover and the annual legumes, such as soy beans and cowpeas."

Dairy Products Publicity

FOR several years the National Dairy Council, made up of various organizations and individuals vitally interested in the promotion of milk, has encouraged leaders in foreign nations to undertake a similar work. As a result of this interest several European countries are taking advantage of promoting dairy products. This was in evidence at the World's Dairy Congress recently held in London, England.

In speaking of this world wide publicity, Dr. C. W. Larson says: "Three important happenings are of interest to dairymen in the United States: First, a session of the congress devoted to health education with speakers from several countries; second, an exhibit of publicity material and posters, methods of work, etc., from several countries; and third, the formation of an international organization to exchange material, ideas and methods of increasing consumption of dairy products. Although there were two sections of the congress for the other sessions, the program devoted to promoting consumption was a general session of all delegates. Of special interest to American dairymen was a discussion of the amount of milk to recommend for daily use. Representatives from some of the countries proposed amounts which investigation in this country has shown to be insufficient. Another paper from Scotland which discussed the advantages of feeding skim milk to undernourished school children attracted much attention by Americans who pointed out the danger in giving children milk from which the fat has been removed.

"Doctor Weiss of Vienna mentioned the following new ways of increasing the consumption of milk: Serving milk in schools, milk bars, serving of milk in restaurants, railway stations and other places. J. G. Stapleton of Great Britain reported that railroad statistics indicated a sixty-two per cent. increase in milk consumption in London during the past five years. The Milk Publicity Council of England is conducting work quite similar to that of the Dairy Council in this country. Dr. H. R. Kenwood, prominent English health authority, stressed the importance of scientific investigation as a background on which the dairy industry could base its educational campaigns. Sir John Robertson, another English health authority, discussed the great improvement that has taken place in the yield and quality of milk as well as the increased safety of milk which now rarely conveys infection. The nutritive qualities of dairy products from the standpoint of their proteins, vitamin and mineral content were presented in Dr. E. V. McCollum's paper, read by Dr. J. M. Hamill of England. An interesting description of the milk propaganda work in Austria was read by Dr. Moriz Ertl, of Vienna.

"Foreign countries expressed a keen interest in the detailed account of the development of educational activities by the National Dairy Council as related in a paper by M. D. Munn. Dr. Ernest Eber, head of the Milk Propaganda Committee of Hungary, proposed an international organization to exchange ideas and materials.

"The importance and the far-reaching benefit to the dairy industry of the United States resulting from this world-wide movement to increase consumption of dairy products need only be mentioned. If the other nations now doing work similar to that done by the National Dairy Council of this country are as successful in increasing consumption, it will have a tremendous influence in stabilizing the dairy industry of the world. A direct effect of this work will be to stimulate study and research in the nutritive values of dairy products in other countries and will also call to the attention of physicians and health authorities the real value and importance of dairy products. The industry of this country is fortunate in that the scientific and medical professions understand the importance of milk, butter, cheese and ice cream in the diet."

SALES AND MEETINGS

Jan. 12. D. A. Snyder Dispersal, Marysville, Ohio. Sale managed by Ohio Guernsey Breeders 'Association, Wooster, Ohio.

Jan. 17. Seventh Annual Meeting of New Jersey Guernsey Breeders' Association, Roof Garden, Stacey-Trent Hotel, Trenton, New Jersey.

Jan. 17. Virginia State Guernsey Breeders' Association Annual Meeting, Harrisonburg, Virginia.

Jan. 17. Minnesota Guernsey Cattle Breeders' Association Annual Meeting, University Farm, Saint Paul, Minnesota.

Jan. 31. Iowa Guernsey Breeders' Association Annual Meeting, Ames, Iowa.

Feb. 6. Wisconsin Guernsey Breeders' Association Annual Meeting, University of Wisconsin, Madison, Wisconsin.

May 16. National Guernsey Sale, Trenton, New Jersey. Sale managed by Herrick-Marryman Sales Company, Sparks, Maryland.

May 17. Coventry-Florham Sale, Trenton, New Jersey. Sale managed by Herrick-Merryman Sales Company.

May 18. Prominent Dispersal Sale. Managed by Herrick-Merryman Sales Company, Sparks, Maryland

FAIRS AND EXPOSITIONS

Jan. 12-19. National Western Stock Show, Denver, Colorado.

Ohio State Fall Sale

Forty-five Animals Sold for $9,060

THE Ohio Guernsey Breeders' Association conducted their third successful fall sale at the fair grounds on November 22. It was a dispersal of the small herds of Paul J. Dunsha of Medina, and J. Wesley Masters of Edison, together with consignments by F. W. Anderson, Spencer; W. E. Norton, Tallmadge; F. A. Waffle, Medina; E. J. Burrer, Elyria; C. E. Stauffer, Medina, and J. S. Yoder, Wooster.

Forty-five animals sold for $9,060, or an average of $201.33 The thirteen animals consigned by Mr. Masters brought $3,960, giving him the fine average of $304.61. His herd sire was purchased by Hickey and Wing of Cincinnati for $700. One of this bull's daughters, a spring calf, that was made grand champion female of the Knox County fair this year, topped the price for females at $430. Five daughters of the sire owned by Mr. Masters, three open and two bred heifers, brought $1,545, or $309 apiece. They were good individuals, well grown and were negative to the blood test for abortion. The latter fact added at least $1,000 to the selling price of the herd.

Fourteen animals in the Dunsha herd which included several small bulls brought $2,195, an average of $156.79. The senior sire, a son of Florham Laddie 20431, was purchased by E. H. Betzer of Medina for $590. Consignments from the other breeders sold well.

The heaviest buyer of the sale was E. W. Maurer of Ravenna who secured five females for $1,450, which included the grand champion heifer at the Knox County Fair where sixty-eight Guernseys were shown and the grand champion 1928 calf club heifer at the Ohio State Fair. Lloyd McColloch of Wheeling, West Virginia, purchased three fine animals and was the runner up on most of the good things, including the bull that sold for $700.

Following is the sales list:

E. D. Alleman, Big Prairie, Ohio	
Lady Astor of Cedar Lane 176483	$175
E. H. Betzer, Medina, Ohio	
Saugerties Archer 105009 (Bull)	590
Pauline's Rival Lenore 190003	170
Ozro Caverly, Wadsworth, Ohio	
Mary Ann of Beaver Meadows 224021	150
C. Conkle, Layland, Ohio	
Golden Lenore of the Ridge 202449	160
M. L. Dohner, Ashland, Ohio	
Rita's Goldie	105
O. D. Firestone, Ashland, Ohio	
Berclare Headlight 258851	300
S. A. Foltz, Mansfield, Ohio	
Major Raymond of the Ridge 142640 (Bull)	100
H. C. Gates, Wadsworth, Ohio	
Alresford's King of the Ridge 136044 (Bull)	125
Glaze and Fauver, Wauseon, Ohio	
Dawn of Sharon 195973	340
Helen of Alandale 234339	340
Hickey and Wing, Cincinnati, Ohio	
Lou's Anna's May Sequel 103828 (Bull)	700
June's Favorite of Shady Lawn 224026	200
Raidie May of Shady Lawn 215620	210
Diamond of Shady Lawn 235988	150
V. A. Homan, Lodi, Ohio	
Ridge Golden Lad 150018 (Bull)	60
Kaufman and Conrad, Loudonville, Ohio	
Raider's Lindy of Shady Lawn 149450 (Bull)	80
C. E. Loker, Germantown, Ohio	
Rival's Mable of the Ridge 210660	205
Melrose of Clover Ridge 183682	175
E. W. Maurer, Ravenna, Ohio	
Sweet Springs Ultra Dina 194810	180
Morrow's Lucky Lady 249951	330
Sharon Kimm 177028	350
Sharon's Pride of Morrow	430
May King's Rose of Cortland 85396	160
Lloyd McColloch, Wheeling, West Virginia	
Heifer calf	150
Fannie of Waveland 159606	200
Betty of Morrow 233691	335
John E. Porter, New Cumberland, West Virginia	
Triple Daisy of the Ridge 256195	130
William F. Schepflin, Fremont, Ohio	
Pride of Clover Ridge 165307	225
Delia of Clover Ridge 165308	235
O. E. Scruby, Big Prairie, Ohio	
Spot-light 109107	130
Isaac Sheppard, Shreve, Ohio	
Ruth Ellen's Cavalier of Morrow (Bull)	175
Ray Shisler, Dalton, Ohio	
Favorite's Mable 256194	130
Fred Snoddy, Sterling, Ohio	
Heifer calf	80
Flossie's Pride of Beaver Meadows 234802	155
S. R. Snyder, Wooster, Ohio	
Governor's Raider of Irvin Hugh Farm 108856 (Bull)	100
Emmet Steiner, Orrville, Ohio	
Golden Beatrice 112962	75
Iris of Longlane Farm 263559	75
William S. Tritt, Uniontown, Ohio	
Beauty of the Borders 195602	175
Princess Bonnie of Beaver Meadows 151040	200
Jacob Uhl, Millersburg, Ohio	
King's Beauty of Clover Ridge 117326	200
J. W. Underwood, Steubenville, Ohio	
Gladys of Shady Lawn 164807	220
John Wirth, Marshallville, Ohio	
Celia's King of the Ridge 154363 (Bull)	50
Queen of the Ridge	125
Werner Witschi, Upper Sandusky, Ohio	
Master's Mable of the Ridge 255501	110

Gift to South Africa

HIS Excellency, the Earl of Athlone and Her Royal Highness, Princess Alice, have just made a gift of four pedigreed animals to the Union Government. The animals were shipped on the "Carlow Castle" to Cape Town and from there to the government cattle farm at Potchefstroom. They were selected from the herd owned by Lord Fitzwalter, the celebrated Goodnestone herd, and are of the finest breeding obtainable. They consist of the following: Rosey of Goodnestone 35th 25949, Polly of the Isles of Goodnestone 14th 25712, Rose of Goodnestone 11th 26367 and Delight of Goodnestone 2nd 7189. The cow, Rosey of Goodnestone 35th, is from the famous Rosey strain which has been bred with such success for so many years in Lord Fitzwalter's herd.

His Excellency, the Earl of Athlone and Her Royal Highness, Princess Alice are both keenly interested in the breed and are anxious to see it firmly established in South Africa. Their interest dates from the days at Clairmont where Her Royal Highness' mother, the late Duchess of Albany, maintained for so many years with great success the well known herd which was dispersed at a very high price at the time of her death, some of the animals being purchased to found the herd of Guernseys which is now securing a great reputation at Princess Mary's home at Goldsborough, in Yorkshire.

It is hoped that the shipment will prove the foundation of the establishment of the Guernsey breed in South Africa, which at present is one of the few countries where the breed has not been shipped to any great extent. The best wishes of all Guernsey breeders in this country are extended for the future success of the breed in South Africa.

E. WALFORD-LLOYD

English Guernsey Cattle Society

Meeting, Autumn Sale and London Dairy Show

By E. WALFORD-LLOYD

AT a recent meeting of the council of the English Guernsey Cattle Society in London, thirteen new members were elected into the society. Following the meeting of the council a general meeting was held, at which there was a large number of members present.

The Honorable Geoffrey Lawrence, K. C., occupied the chair, and submitted to the meeting the name of Lieutenant Colonel E. H. W. Bolitho to fill the office of president elect for the ensuing year. The proposal was carried with acclamation and the unanimous approval of the members present. G. Titus Barham was reelected as treasurer and Messrs. George Cobley and Company reelected as auditors.

The chairman in a brief and interesting speech submitted the following figures showing the rapid growth of the society during the past few years: Membership in 1920, 403, at the present date it exceeded 830; herd book entries in 1920, 1441, 2541 in 1927; number of tests made in the society's laboratory in connection with the Advanced Register in 1926, 23,310 and at the present time 27,000; and herds under test 1927, 210, at the present time 252. The average of the twenty-three public auction sales of Guernsey cattle held since January 1, 1928, works out at fifty-three pounds, ten shillings and six pence ($260.10). The total amount realized for pedigree animals was 45,212 pounds, sixteen shillings and ten pence ($219,734.36), and the number of animals sold numbered 863. The average of the society's two sales was sixty-six pounds and five shillings ($321.96). The above figures were most satisfactory and he was convinced that this was only the beginning of an era of prosperity for the breed.

A vote of thanks was given to the retiring president, Lord Lascelles, for his work as president during the past year.

The Official Autumn Sale

ALTHOUGH the sale season is fast drawing to a close, yet there has been no slackening in the keen demand for well bred Guernseys, and for the Golden butter breed there is apparently no closed season. This was the first time that the society has held an official autumn sale, and it proved a distinct success, for a large company assembled and the entries were a credit to the breed. Messrs. John Thornton and Company were the auctioneers and bidding was keen, especially for the best animals forward.

Top price for cows and heifers was 130 guineas ($650) paid by E. H. M. Denny who is getting together a fine herd in Sussex, for the two year old heifer, Lady Chancellor of Rusper, from W. A. Argent. She has a nice bag and is a good producer. From September 11 to September 30, 1928, she gave 562.5 pounds of milk and was then giving twenty-nine pounds daily. She was sired by Monarch 2nd of Beaulieu and is out of Lady Chancellor 7th.

The top price for bulls was 110 guineas ($550) paid twice. Mrs. J. E. Kirby's bull, Woodlands May Day, was purchased by the Elmhurst Trading Company for 110 guineas ($550), while J. B. Body's Hindhead Vanity's Ashburton brought the same price. Five other cows reached the century mark and over, thus proving how great the demand is for the breed.

An interesting feature of this sale was that some of the imported cattle which came straight from the Island under the auspices of the Country Gentlemen's Association were included in the catalog. There were about twenty of these imported animals, and they sold fairly well.

The chief prices and purchasers follow:

	Guineas	Dollars
Major W. Bertwistle		
Buttercup Des Marchands	42	210
Cowslip 2nd of Crabwood	70	350
A. G. Bowker		
Duchess 2nd of the Salines	45	225
Destiny 2nd of Kings Mills	55	275
Jenny of Les Valettes 3rd	45	225
M. A. Bucknall		
Maggie's Doreen	40	200
Lord Chetwynd		
Lady Bidston 2nd	60	300
J. A. Clapham		
Goldina 2nd of the Salines	58	290
Lady Lydia of La Trappe	48	240
Major B. J. Day		
Murrell Valentine	75	375
E. R. Debenham		
Wargrave Rose of Gold	100	500
Tulip 3rd of Diamond Farm	105	525
E. H. M. Denny		
Wargrave Wallflower 2nd	70	350
Rosebud of the Marette	55	275
Polly's Lady of Maison de Bas	80	400
Polly of Maison de Haut	100	500
Lady Chancellor of Rusper	130	650
Peter's Mary Ann	85	425
Elmhurst Trading Company		
Fullerton Hawthorn	75	375
Lynchmere Meadow Sweet 16th	100	500
Venice of Hillside	90	450
Mrs. Wilson Filmer		
Crown of Grand Fort	55	275
Lady Jewel of La Hougue	55	275
Mrs. Fountaine		
Paint's Violet 3rd	52	260
Mrs. Freeland		
Leaf of Figtree 7th	75	375
Tulip of Crabwood	70	350
Copped Hall Ruby 3rd	75	375
Summerland's Daisy 3rd	100	500
Colonel C. B. Godman		
Daisy's Princess of Mount Varouf	46	230
W. R. Greenshields		
Abbot's May Bud	50	250
Major G. Heath		
Jane of Le Rocher	40	200
Mrs. Gwynne Holford		
Baince 2nd of Mount Varouf	43	215
Brigadier-General G. V. Hordern		
May Rose of Monnaie	61	305
Golden Fairy of Moat Farm	85	425
W. J. Hutchings		
Miss Kudos of Haut Chemin	52	260
Major G. Huth		
Lister's Valentine Bowe	80	400
Paint's Rosie 5th	46	230
Lady Bernice of Moat Farm	46	230
E. C. Lyons		
Enid of Tregonning 4th	56	280
Mrs. Armitage Ogden		
Ashfield Lavender	50	250
Lenore of Hillside	48	240
Rawlence & Squarey		
Cornbury Queen Mab	44	220
Captain Scott		
Princess 4th of Les Effards	66	330
J. T. Smith		
Farnham Empress	75	375
BULLS		
H. B. Blackburn		
Gaddesden Honour	65	325

(*Continued on page 48*)

County Associations in Business

A Study of Good Business Forms

THERE is no question but what the county associations may furnish the hub into which the spokes of various breed activities fit and can be carried forth on the rim of time. In order to build lasting, constructive, functioning organizations, they must be well organized and properly led in business methods. Many of the present difficulties in the handling and sale of livestock could be overcome with the use of proper business forms. It is the purpose of this article to present to the readers of the JOURNAL a set of forms which were worked out by the writer in conjunction with Gavin McKerrow, secretary of the Wisconsin state association. To many, some of the forms may not seem necessary or perhaps too much in detail, yet from experience with county organizations selling well over $100,000 worth of livestock annually, too much care cannot be used to prevent misunderstandings.

Good business forms which set forth definite agreements between purchaser and seller should do much to give the buyer confidence not only protecting his interests, but those of the seller as well. Successful county associations realize the importance of giving the buyer satisfaction. One county organization sold over $130,000 worth of cattle last year and adjustments had to be made on only $2,000 worth of stock. When we consider the many hazards in buying, assembling and shipping cattle, that is truly a remarkable record.

A short time ago the writer read several letters severely criticising cattle purchased from a certain section, and on investigating found that they were bought of dealers and not from county organizations. Dealers are resorting to any possible means to make money and at best should be avoided. Unfortunately, many of the large concerns of the East who have buyers in the midwest get their cattle from dealers, their buyers getting a commission at both ends. This results not only in inflated values but often in unsatisfactory cattle. By no means can all of the difficulties arising between county associations and buyers be blamed on the associations. In most cases the associations go the limit to make satisfactory adjustments. Many unreasonable and unjust demands made by buyers could be cited, and unfortunately it is the one bad case one hears about and not the hundreds of satisfactory transactions. It is certainly far more satisfactory to buy direct from the man who raises the cattle than from one who collects them from all over the country, and even buys some from the stockyards which were consigned to the butcher. Unscrupulous dealers are a real menace to the livestock industry of a community and their places should be taken by breeders' organizations in the sale of livestock.

The first form suggested is a sales contract like the following:

SALES CONTRACT

.....Address.....
hereby agrees to sell, and.....
Address.....hereby agrees to purchase
through the.....County Guernsey Breeders' Association, and subject to passing the usual tuberculin test at point of delivery, the following dairy animals, at the prices indicated:

Itemized as follows:

No.	Tag or Registration Number	Bred or Open	No.	Tag or Registration Number	Bred or Open

(Allow as many spaces as desired)
Other arrangements (Health, Breeding, or Tuberculin test agreements) stated here.....
.....
Cattle to be delivered by the seller, in good condition at.....
on.....192..
Signature of Seller.....
It is understood and agreed that a selling charge of..... per cent. shall be retained by the.....
..... County Guernsey Breeders' Association from the above price, and a fee of .....
per head for Tuberculin Test will ..... charged.
Remarks.....
.....
Signature of Buyer.....
..... COUNTY GUERNSEY BREEDERS' ASSOCIATION
By.....
Agent for Purchaser and Seller

Dated.....192..
Telephone No. .....

It will be noted that the sales contract provides definite identification through ear tag and registration numbers where pure bred, and states whether the animal is bred or open. It provides for breeding, health, and any special agreements between buyer and seller.

The sales statement is an itemized account of cost and buyers' expense, the duplicate of which, as well as the check stubs, furnishes all information necessary to buyer and for the secretary's books.

The forms are made up in pad form, providing for a carbon copy that is retained by the agent of the breed association for his records. The success of a county organization in the selling of livestock is largely dependent on the man who represents the county in handling buyers. A thoroughly honest and capable livestock man who keeps well informed on the cattle available in the county is necessary. He should be paid in proportion to his efforts, and where a full time man is not employed giving him a part of the commission is satisfactory. A commission of five per cent. is usually charged, which is less than that taken by the average dealer. One-half of one per cent. should be paid for the keeping of the secretary's books, at least three per cent. to the salesman, and the rest should be used for handling shipped cattle, sinking fund, etc. A small reserve fund should be built up. All county associations which transact business should be incorporated under the laws of their state which have to do with non-stock, non-profit corporations.

SALES STATEMENT

.....COUNTY GUERNSEY BREEDERS' ASSOCIATION
Cooperative .....(State) Incorporated
In Account with.....Buyer
Address.....
Shipping Point.....Car No.....

.....Grade Guernsey Cows		$.....
.....Grade Guernsey Heifers		.....
.....Pure Bred Guernsey Cows		.....
.....Pure Bred Guernsey Heifers		.....
.....Pure Bred Guernsey Bulls		.....
.....Grade.....Cows		.....
.....Grade.....Heifers		.....
.....Calves.....		.....
.....Total Head	Total Cost	$.....

BUYERS' EXPENSE

Hay $..... Straw $.....	Total	$.....
Care of Cattle in Pavilion.....		$.....
Lumber for Car.....		$.....
Other Expense.....		$.....
.....		$.....
Total Expense.....		$.....
Gross Cost—Cattle and Expense		$.....
Payment Received		
By Cash.....		$.....
By Check.....		$.....
By Draft.....		$.....
By Credit Reg. & Transfer Fee.....		$.....
.....		$.....
Total.....		$.....
		$.....

CHECK FORM

.....COUNTY GUERNSEY BREEDERS' ASSOCIATION
.....(State)

	Debit	Cattle Sold	Credit
Commission	$.....	.....Grade Guernsey Cow	$.....
Transfer	.....	.....Grade Guernsey Heifer	.....
Registration	.....	.....Pure Bred Guernsey Cow	.....
Guernsey Assn. member	.....	.....Pure Bred Guernsey Heifer	.....
Testing	.....	.....Pure Bred Guernsey Bull	.....
Trucking	.....	....	.....
.....	.....	....	.....
Total	.....	..... Total	.....
Check No. Attached	.....	Shipment No.....	

In case of error return this statement
No.....

.....COUNTY GUERNSEY BREEDERS' ASSOCIATION
Cooperative Incorporated
....., State
Date.....
Pay to.....$.....
..... Dollars
.....County Guernsey Breeders' Association
By.....

Boston Milk

BEGINNING on January 1, 1929, all milk sold in Boston must be either pasteurized or certified. This, of course, means that dealers in raw milk must produce under the most sanitary conditions.

National at Saint Louis

THE permanent office of the National Dairy Association has been established at Saint Louis, Missouri. It is located at 511 Locust Street in the Chamber of Commerce Building. Any one wishing to get into communication with the National Dairy Association that has charge of the National Dairy Show can do so by writing to S. H. Anderson, executive secretary, at the above address.

CANADIAN RECORDS

Name	Milk	Butter Fat	Per Cent	Days in Milk	Age
Captain's Dairymaid of H. 2466	11038	583	5.28	365	6
Sire: Mixter Captain 1819. Dam: Princess Dairymaid of Hillside 1042. Breeder: Howard W. Corning, Chegoggin, Nova Scotia. Owner: F. W. Swindells, Princeport, Nova Scotia.					
Pauline Pride of Don Alda 2916	12328	581	4.71	365	5
Sire: Bullrush of Oaks Farm 65519 A. Dam: Imp. Pauline of Don Alda 2694. Breeder: C. W. Barron, Cohasset, Massachusetts. Owner: Don Alda Farms, Todmorden, Ontario.					
Mountain Way Cassafide 4572	10287	567	5.51	365	2—145
Sire: Falcon's Fisherman 2167. Dam: Daisy Dean 3538. Breeder: Robert W. Leonard, Paradise, Nova Scotia. Owner: V. B. Leonard, Clarence, Nova Scotia.					
Brooknook Pansy 3rd 5272	10902	539	4.94	365	2—1
Sire: Martindale King 1784. Dam: Brooknook Pansy 1824. Breeder: Ram Recka, Chilliwack, British Columbia. Owner: Ram Recka, Chilliwack, British Columbia.					
Cabbage Rose of Nappan 2715	9692	532	5.49	365	6
Sire: Mixter General 1814. Dam: Cabbage Rose of Hillside 1909. Breeder: Director Experimental Farms, Nappan, Nova Scotia. Owner: Director Experimental Farms, Nappan, Nova Scotia.					
Lucky Girl of Elderwood 4792	12656	529	4.18	365	11
Sire: Serpent 19802 A. Dam: Imp. Dairy Maid of St. Croix 46679 A Breeder: Roy Burton, Eagle, Wisconsin. Owner: Walkerside Limited, Walkerville, Ontario.					
Butterstamp's Lady 2096	9586	478	4.99	365	8
Sire: Itchen Chief 1100. Dam: Blossom of Cedar Cove 1089. Breeder: Charles Hawthorne, Chilliwack, British Columbia. Owner: A. S. Barker, Chilliwack, British Columbia.					
Ada of Sunbury 3122	9177	473	5.15	365	4—231
Sire: Butterstamp's Pride 1574. Dam: Tiny Hoodlum 1697. Breeder: John Alexander, New Westminster, British Columbia.					

(*Continued on page 22*)

Guernseys in a Progress Exposition

Moorland Farm Advertises Guernsey Products

WE go to fairs, such as county, district, state and others, and expect to see the showing of Guernsey cows and bulls. We go to the National Dairy Exposition, and many other large district expositions, with the expectation of seeing many cattle, but we do not ordinarily think of dairying as a part of a progress exposition.

Recently at New Britain, Connecticut, was held an exposition for home progress. The city, local industries and many clubs united to make the exposition a successful four days' showing. It was open from morning until late at night, and booths were erected, putting forth the various industries found in this New England city.

C. R. Weidman, superintendent of Moorland Farm, owned by E. A. Moore, suggested that the farm should have a booth. The plan was worked out, the booth erected, and in among all of the industrial exhibits was found a good representative of the fawn and white. The purpose of the booth, of course, was to advertise Golden Guernsey milk and to show what kind of a cow this milk was procured from. Mr. Moore says, "Our experience is that while we Guernsey breeders are very familiar with our favorite animal, the average man, woman or child in an industrial city knows very little about the Guernsey cow." With this in mind the booth was maintained, and we call your attention to the findings and results of the exhibit.

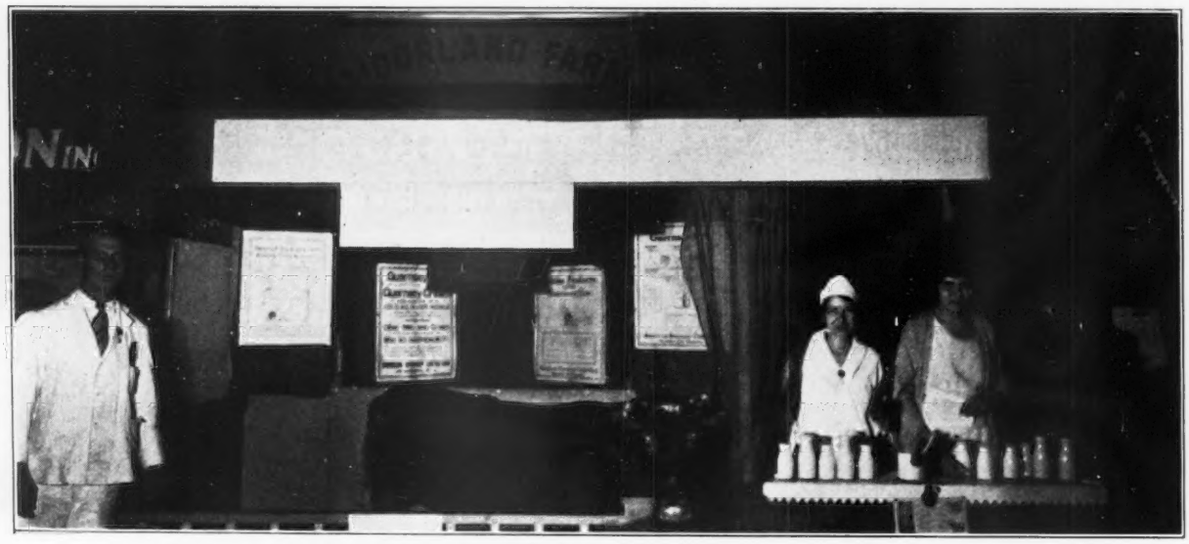
The cow, Elenor's Venus 103021, attracted much attention and several people told them they had come especially to see her. The children wanted to know if she was a real cow and if she really came from Moorland Farm. The older people were interested to know how much she was worth, and one person even remarked that she was a very fashionable color and would make a fine fur coat.

Her clean appearance led many to want samples of the milk that was sold in half-pints and thirds. While they were serving the milk they were able to tell more about it; the high butter fat and low bacteria count; the care taken to have the milk bottled and delivered clean, and the better flavor of the pure, raw, Golden Guernsey milk. The school children were eager to hear all that was told them as many of them were studying about milk. They were given pamphlets to take to their teachers and told how Guernsey milk compares with other milk sold in the city. Some of the children, and older people too, visited the booth as many as three times in an evening to secure sample bottles. One gentleman even asked what restaurants in the city served milk from Moorland Farm as he was boarding and wished to have it with his meals.

Many of the visitors to the booth did not seem to realize the difference between pasteurized and pure raw milk, thinking that the pasteurized should be better. They were told that milk is pasteurized to destroy the bacteria and that clean milk does not have to be pasteurized. When they had sampled the milk attention was called to the rich, creamy flavor. One woman remarked that it was what would be sold for thin cream elsewhere.

To every visitor the golden color of the Guernsey milk was pointed out. One woman said that during the summer she had been getting beautiful yellow milk but that it would not keep over night. It was proved that the milk had been delivered to her, warm. She was told how the Moorland Farm milk was chilled directly after milking and the whole process until delivered to the customer was explained to her.

Many who were seriously interested in the animal and the milk were invited to visit the farm to see the herd and the dairy. The children who had Moorland Farm milk at home were so proud of their exhibit that they insisted on telling everyone about it. What the cow and what Mr. Moore have done toward advertising Golden Guernsey products in New Britain, can be done in many other cities in the country.



Moorland Farm booth. The sign read as follows: "Our Milk is Different. Better Flavor. Better Color. All Vitamines. The Best is none too good for your children."

OUR NEW CLASS LEADERS

Peggy of Killarney Farms 91658, Re-entry 11147
Fifth in Class AA

Sire: St. Austell Dreadnought 34671 A. R.
Dam: Gipsy of Windermere 53408 A. R. 5669
Breeder Ballard Bros., Niles, Mich.
Owner Gayoso Farm, Horn Lake, Miss.
Born Dec. 14, 1918. Calved Sept. 13, 1927. Served Dec. 18, 1927. Calved Sept. 14, 1928.
Carried calf 271 days during test.
Requirement for admission: 400.0 lbs. fat.
Supervised by Mississippi Station.
4 milkings daily .5 mo.
2 milkings daily .5 mo.
3 milkings daily 11 mos.

1927	Milk Lbs.	Butter Fat %	Butter Fat Lbs.
Sept. 18,	811.9	4.55	36.94
Oct.	2257.7	4.55	102.73
Nov.	1836.9	5.13	94.23
Dec.	1567.0	4.86	76.16
Jan. '28	1527.7	5.17	78.98
Feb.	1395.7	5.02	70.06
Mar.	1469.9	5.36	78.79
Apr.	1405.4	5.08	71.39
May	1471.4	4.99	73.42
June	1311.9	6.03	79.11
July	928.9	5.50	51.09
Aug.	749.1	6.06	45.40
*Sept. 16,	164.9	6.06	9.99
Total	16898.4	5.14	868.3

Retests taken in November 1927, and April 1928.
Check tests taken in March and July 1928.

*1 day dry, 3 days lacking.

Previous records: First record begun as a two year old (Class G): 9575.50 lbs. milk; 493.95 lbs. butter fat. Published in Vol. XXXV. Second record begun as a three and one-half year old (Class DD): 11236.40 lbs. milk; 564.90 lbs. butter fat.

LAST but not least came grandmother! Gayoso Farm, Horn Lake, Mississippi, has completed four class leader records in the last twelve months. The first three were on a pair of second calf daughters of Langwater Actor 60162 and a class FF granddaughter. The fourth is on the grandam of some of the best young things in the herd, Peggy of Killarney Farms 91658. On September 12, 1928, she completed her third record by producing 16898.4 pounds of milk and 868.3 pounds of butter fat. She calved with a heifer calf by Langwater Actor 60162 on September 14, and thereby qualified for fifth place in class AA.

In 1923, Gayoso Farm bought the cow, Lady Peggy of Killarney Farms 118584, from her breeder, Rob R. McNagny, Columbia City, Indiana. They gave her a record of 12590.1 pounds of milk and 677.2 pounds of butter fat in class F and then another of 16969.7 pounds of milk and 817.5 pounds of butter fat in class C, which was then the second highest record of all breeds in the South. Between the two records she dropped a heifer calf by Langwater Actor 60162, that is now on test in class F with credits of 8741.0 pounds of milk and 448.83 pounds of butter fat in 252 days. In April 1927, she died, carrying twin calves. Gayoso Farm was so proud of this cow as a producer and a breeding matron that they then went back to Rob R. McNagny and purchased her dam, Peggy of Killarney Farms 91658, bred by Ballard Brothers, Niles, Michigan, but at the time of purchase from Mr. McNagny she was on lease in the herd of Russell George, Lebanon, Indiana.

It appears that this great producing cow is breeding on even through the third generation but where her own inheritance for production comes from is a breeding study of a different nature, at least as far as official records are concerned. Her own dam has two records, the best one being only 361.7 pounds of butter fat in class B, while her grandam also has two, the best one being 511.4 pounds of butter fat in class B. Both of these records, however, were made several years ago. On the other hand, her sire, St. Austell Dreadnought 34671, has sired a number of good producing daughters in the herd of Ballard Brothers, and is in turn a son of Don Diavolo of Linda Vista 23565

"Peggy's" record was made under the care of George Bosma, test cow herdsman at Gayoso Farm. It is interesting to note that she produced over a ton of milk and 100 pounds of butter fat in her first full month on test, and exceeded seventy pounds during nine of the twelve months on test. She was fed good alfalfa hay, corn and sorghum silage, and roots all grown on Gayoso Farm, dried beet pulp, and the Gayoso home mixed grain ration. Her grain averaged about fifteen pounds a day. Her highest milk production a day was 81.2 pounds. She was milked four times a day for a few weeks, during which time she was fed five and one-half pounds of grain four times a day. Her highest daily grain ration at any other time was sixteen pounds.

Topsy's Golden Princess 224809, A. R. 22405
Fifth in Class DD

Sire: Golden Noble of Poplar Grove 59356.
Dam: Topsy's Thanksgiving 105432.
Breeder Mrs. C. G. Fenwick, East Falls Church, Va.
Owner William A. Hill, Rockville, Md.
Born Jan. 14, 1924. Calved Sept. 26, 1927. Served Dec. 15, 1927. Calved Sept. 26, 1928.
Carried calf 286 days during test.
Requirement for admission: 352.6 lbs. fat.
Supervised by Maryland Station.
4 milkings daily 11 mos.
2 milkings daily .5 mo.
1 milking daily .5 mo.

1927	Milk Lbs.	Butter Fat %	Butter Fat Lbs.
Sept. 28,	125.8	4.29	5.40
Oct.	1621.4	4.29	69.56
Nov.	1619.6	4.49	72.72
Dec.	1572.0	4.38	68.85
Jan. '28	1554.6	4.49	69.80
Feb.	1405.8	4.88	68.60
Mar.	1542.5	4.42	68.18
Apr.	1264.4	5.06	63.98
May	1432.3	4.55	65.17
June	1272.9	4.58	58.30
July	1190.0	4.95	58.91
Aug.	1050.3	5.29	55.56
*Sept. 26,	(301.7	5.29	15.96
	(13.6	4.29	.58
Total	15966.9	4.64	741.6

*6 days dry.

Retest taken in November 1927.
Check tests taken in March, April, May and August 1928.

IN securing fifth place in class DD Topsy's Golden Princess 224809 made a record of 15966.9 pounds of milk and 741.6 pounds of butter fat. In her performance she increased the present record by 2404.6 pounds of milk and 11.2 pounds of butter fat, lacking but two tenths of a pound of butter fat to equal the holder of fourth place in the class. She is owned by William A. Hill, Rock Spring Farm, Rockville, Maryland, and was bred by Mrs. C. G. Fenwick, East Falls Church, Virginia.

While her sire and dam are not Advanced Register animals, Topsy's Golden Princess 224809 has a strong backing of the good things in the breed. She was sired by Golden Noble of Poplar Grove 59356, that traces back on the sire's side to Imp. France XVIII.'s Daughter 25001 and on the dam's side to King of Chilmark 20798. "Topsy's" dam was Topsy's Thanksgiving 105432, that includes in the pedigree Glen Haddon's Patience 34639, Topsail 27787, and other prominent animals. The record was made on the farm of William A. Hill, who is supplying a considerable quantity of Golden Guernsey milk to Washington, District of Columbia, patrons.

SUMMARY OF 27119 ADVANCED REGISTER RECORDS

	Records	Lbs. Milk	Lbs. B F.	Per Cent.
Class A	8229	11026.5	543.0	4.92
Class B	1774	10469.4	525.9	5.02
Class C	2130	10148.4	510.1	5.03
Class D	2264	9765.5	493.8	5.06
Class E	2639	9196.7	463.2	5.04
Class F	3330	8922.7	450.6	5.05
Class G	6753	8597.5	430.7	5.01
	27119	9774.6	488.1	4.99

When sending in your change of address give the old address as well as the new.

ADVANCED REGISTER NOTES

STATE CHAMPIONS

COLORADO

D. Marguerita's Pride of Riverside 155817, 11300.4 pounds of milk; 530.0 pounds of butter fat; breeder, Gabe Lucas, Longmont; owner, Howard Brothers, Lyons.

GEORGIA

C. David's Golden Tip of Mileybright 155930, 14057.9 pounds of milk; 635.1 pounds of butter fat; breeders, William J. David, Dillon, South Carolina; owner, John S. Candler, Decatur.

KANSAS

G. Cherub's Daisy of Bonnie Doon 190867, 11042.5 pounds of milk; 644.9 pounds of butter fat; breeder, Walter Alexander, Wausau, Wisconsin; owner, H. D. Smith, Washington.

MARYLAND

DD. Topsy's Golden Princess 224809, 15966.9 pounds of milk; 741.6 pounds of butter fat; breeder, Mrs. C. G. Fenwick, East Falls Church, Virginia; owner, William A. Hill, Rockville.

MISSISSIPPI

A. Peggy of Killarney Farms 91658, 16898.4 pounds of milk; 868.3 pounds of butter fat; breeder, Ballard Brothers, Niles, Michigan; owner, Gayoso Farm, Horn Lake.

AA. Peggy of Killarney Farms 91658, 16898.4 pounds of milk; 868.3 pounds of butter fat; breeder, Ballard Brothers, Niles, Michigan; owner, Gayoso Farm, Horn Lake.

Upland's Pretoria 89600, bred by Frank P. Frazier, Ipswich, Massachusetts, and owned by Howard Heinz, Sharpsburg, Pennsylvania, has completed her third Advanced Register record. The following are her three records:

Milk	B. F.	Class
12369.8	693.3	F
15555.7	791.7	B
14570.3	743.7	A

Tostevin's Lad of Great Hill 27677, her sire, has nine Advanced Register daughters, completing twenty Advanced Register records, and six Advanced Register sons. Ultra Lady 38913, her dam, has three Advanced Register records, one of 14019.2 pounds of milk and 748.2

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR ONE MONTH'S PRODUCTION

(Credits subject to final verification.)

NAME AND NUMBER	Test Begun	Lbs. Milk	Lbs. B. F.	Month	Class
Wyebrook Glory 188200	7—2-28	1444.8	65.45	Oct	CCC
Owner: E. Parmalee Prentice, Williamstown, Massachusetts.					
Rosemary Daisy 177460	8—3-28	1324.9	75.12	Aug	D
Owner: R. W. Kann, Minot, North Dakota.					
Edgewood Bonnie May 188933	10-27-28	1372.6	63.83	Oct	DDD
Owner: Orra M. Rhodes, Etna, New York.					
My Fancy of Homeland 178205	7-10-28	1298.3	57.77	Oct	DDD
Owner: Thomas J. Selden, East Hampton, Connecticut.					
Imp. Hilltop's Favorite 182230	3-18-28	947.2	55.88	Oct	DDD
Owner: George M. Hendee, Suffield, Connecticut.					
Edgewood Lorna Doone 180174	9-30-28	1223.6	55.55	Oct	DDD
Owner: Orra M. Rhodes, Etna, New York.					
Cherub's Alberta of Otter Lake 197427	9-10-28	1039.5	54.16	Oct	EEE
Owner: W. E. Harrington, Hutchinson, Minnesota.					
Ray of Pot Spring 207684	7-12-28	988.2	52.08	Sept	FFF
Owner: John P. Baer, Timonium, Maryland.		891.8	46.64	Oct	
Daylo Star-tide 193694	5-18-28	819.3	51.78	Oct	FFF
Owner: A. J. Fell, Lansdale, Pennsylvania.					
Peeress of France 210284	7-11-28	964.7	49.10	Sept	GGG
Owner: J. L. Hope, Madison, New Jersey.		1008.7	46.30	Oct	
Electra's Lilly of Fir Ridge 211546	7-26-28	906.5	40.79	Aug	GGG
Owner: Peter Gammeltoft, Roy, Washington.					

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR ONE YEAR'S PRODUCTION

NAME AND NUMBER	Test Ended	Lbs. Milk	Lbs. B. F.	Class
Lorna Doone of Elgercon 124285	9-14-28	15724.1	879.5	A
Owner: Mrs. Gertrude L. C. Tucker, Willoughby, Ohio.				
Peggy of Killarney Farms 91658	9-16-28	16898.4	868.3	AA
Owner: Gayoso Farm, Horn Lake, Mississippi.				
Topsy's Golden Princess 224809	9-26-28	15966.9	741.6	DD
Owner: William A. Hill, Rockville, Maryland.				

CANADIAN RECORDS

(*Continued from page 19*)

Owner: John Alexander, New Westminster, British Columbia.

Don Alda Mixter Nunicer 4238 9689 453 4.68 365 2—161
Sire: Mixter Captain 1819. Dam: Imp. Freeman's Nunicer 2707.
Breeder: D. A. Dunlap, Todmorden, Ontario.
Owner: Don Alda Farms, Todmorden, Ontario.

Masher's Blanch of Hillside 2209 8500 448 5.27 365 9
Sire: Prince of Spruce Grove 3rd 1237. Dam: King's Blanche of Hillside 1048.
Breeder: Howard W. Corning, Chegoggin, Nova Scotia.
Owner: F. W. Swindells, Princeport, Nova Scotia.

Echo's Rose 3519 10440 435 4.17 365 3—179
Sire: Western Island King 2456. Dam: Echo of Pen-Y-Bryn 2804.
Breeder: H. H. Bazett, Koksilah, British Columbia.
Owner: Alister Forbes, Cobble Hill, British Columbia.

Elmbrae Buttercup 4224 8130 426 5.24 365 2—195
Sire: Canadian Thunder 3168. Dam: Island Pet 1924.
Breeder: E. G. McColough, Great Village, Nova Scotia.
Owner: E. G. McColough, Great Village, Nova Scotia.

Madge of Willow 4206 8147 423 5.19 365 2—261
Sire: Langwater Marmion's Prince Edward 3003. Dam: Helen's Princess 3005.
Breeder: Roper Brothers, Charlottetown, Prince Edward Island.
Owner: F. W. Swindells, Princeport, Nova Scotia.

Pansy B. of Brookside 2525 9592 421 4.39 365 6
Sire: Alvaston 2076. Dam: Peace of Brookside 2137.
Breeder: William Hornby, Armstrong, British Columbia.
Owner: William Hornby, Armstrong, British Columbia.

Girlie's Princess 3518 9186 412 4.49 365 3—350
Sire: Western Island King 2456. Dam: Girlie of Pen-Y-Bryn 2589.
Breeder: Pascall & Greig, Duncan, British Columbia.
Owner: Alister Forbes, Cobble Hill, British Columbia.

Queen On Sherborn 2121 8363 406 4.85 365 12
Sire: Hayes Golden 2d 19541 A. Dam: Holliston's Queen Mab 23515 A.
Breeder: Clement S. Houghton, Sherborn, Massachusetts.
Owner: Director Experimental Farms, Nappan, Nova Scotia.

pounds of butter fat in class AA which made her a class leader.

Barbara of Sunkist Acres 196533, bred by Charles C. Wickwire, Cortland, New York, and owned by Everett and Thompson, Binghamton, New York, has completed her first record in class GGG with 9392.1 pounds of milk and 500.2 pounds of butter fat. When her last calf is registered she should become a class leader taking fourth place in her class.

Peggy of Killarney Farms 91658, bred by Ballard Brothers, Niles, Michigan, and owned by Gayoso Farm, Horn Lake, Mississippi, has just finished her third Advanced Register record. The three records are:

Milk	B. F.	Class
9575.5	494.0	G
11236.4	564.9	DD
16898.4	868.3	AA

Moonlight's Golden Coronet 151687, bred by Jean Du Luth Farm, Inc., Nickerson, Minnesota, and owned by G. N. Dayton, Excelsior Minnesota, has completed her first Advanced Register record with 15680.4 pounds of milk and 757.1 pounds of butter fat in class BB. When her last calf is registered she should become a class leader taking tenth place and a state champion for Minnesota.

APPROVED ADVANCED REGISTER RECORDS

From December 1, 1928, to December 15, 1928

Includes A. R. 22330 to A. R. 22405 with re-entries: 11147; 11401; 11850; 13847; 16277; 16575; 17381; 18235; 18985; 19121; 19835; 20430; 20549

CLASS A—Five Years and Over

A. R.		Lbs. Milk	Lbs. Fat	Per Cent Fat	AGE Yrs. Mos.	OWNER
°R16575	Lorna Doone of Elgercon 124285	15724.1	879.5	5.59	6—1	Mrs. Gertrude L. C. Tucker, Willoughby, Ohio
¶*°R11147	Peggy of Killarney Farms 91658	16898.4	868.3	5.14	8—9	Gayoso Farm, Horn Lake, Miss.
R20549	Wildwood's Adeline 84420	14287.1	778.5	5.45	9—7	M. G. Eberlein, Shawano, Wis.
R11401	Upland's Pretoria 89600	14570.3	743.7	5.10	9—1	Howard Heinz, Sharpsburg, Pa.
R17381	Marmion's Golden Lassie 155191	13372.6	709.1	5.30	5—2	D. O. Brant, Owensmouth, Calif.
22343	Marigold of Elgercon 137240	13248.8	662.5	5.00	5—0	Mrs. Gertrude L. C. Tucker, Willoughby, Ohio
22402	Daffodil of Mt Fair 111852	13755.3	641.5	4.66	7—5	S. McLean Buckingham, Watertown, Conn.
22389	Mable of Clinton Heights 127639	12753.3	613.7	4.81	6—2	Fort Dodge Creamery Co., Fort Dodge, Iowa
22380	Shoreland Princess 155325	12991.3	605.2	4.66	5—8	L. B. Stevens, Oconomowoc, Wis.
22370	Hambro's Daisy of Hood View Farm 103637	11565.1	583.2	5.04	7—9	W. A. Carlson & Son. Wilder, Idaho
R11850	Abbeyleix Lady 93028	12522.3	566.5	4.52	8—9	Frank B. Foster, Phoenixville, Pa.
R19835	Penstates Royal Master's Polly 117862	9537.1	558.2	5.85	6—6	The Pennsylvania State College, State College, Pa.
R13847	Amilla of the Rancho 121279	9655.1	556.7	5.77	7—2	D. O. Brant, Owensmouth, Calif.
22362	Snowdrop of Cloie Fork 134955	10667.5	533.9	5.00	5—6	J. Allen Wallis, Durango, Iowa
22342	Miramichi Plenty 117467	10955.0	510.7	4.66	6—11	H. M. Leinbach, Douglassville, Pa.
22355	May Rose Charmante's Secret 134782	10361.0	505.9	4.88	5—6	Eugene O. Brielman, Pittsfield, Mass.
R16277	Raemelton Violet's Jewel 113229	12046.4	493.2	4.09	6—7	F. B. Black, Mansfield, Ohio
22363	Rebecca of Wasteland 83794	10186.7	487.7	4.79	9—0	J. B. Guess, Jr., Denmark, S. C.
22356	Imp. Hanois Dora 145304	10258.0	478.3	4.66	5—10	C. H. Tyler, Sanbornton, N. H.
22384	Fair Weather Aisne 122181	10323.0	471.9	4.57	6—7	Charles S. Fayerweather, New Lebanon, N. Y.
22358	Freda of Stanford 106903	11219.8	463.3	4.13	6—10	Charles H. Tyler, Sanbornton, N. H.
22381	Victor's Princess Rosendale 128300	8627.6	461.0	5.34	6—2	L. S. Riford & T. M. Staples, Auburn, N. Y.
R†18985	Fair Weather Arras 139690	9368.0	441.4	4.71	5—4	Charles S. Fayerweather, New Lebanon, N. Y.

CLASS B—Four and One-Half to Five Years

R20430	Cleo of the Rancho 148452	9872.6	564.0	5.71	4—8	D. O. Brant, Owensmouth, Calif.
R¶18235	Daisy's Thelma of Ransom Farm 147676	11046.0	531.9	4.82	4—9	W. G. Ransom, Homewood, Kans.

CLASS C—Four to Four and One-Half Years

R19121	David's Golden Tip of Mileybright 155930	14057.9	635.1	4.52	4—2	John S. Candler, Decatur, Ga.
22403	Itasca Cherub's Inez 166923	11435.7	539.6	4.72	4—3	Clarence E. Sheridan, Fond du Lac, Wis.
†22375	Imp. Elmo's Blossom 226852	9489.0	449.3	4.73	4—3	Chester Lyon, Waynesboro, Pa.
22351	Henrietta of Thorn Hill 152918	9198.1	434.6	4.72	4—3	August Ziesing, Deerfield, Ill.
22371	Gayoso Columbia Beauty 150608	6997.9	421.5	6.02	4—2	Gayoso Farm, Horn Lake, Miss.
22330	Raider's Snowflake of Summit Farm 153672	8017.4	391.9	4.89	4—1	Henry W. Treat, Tallmadge, Ohio

CLASS D—Three and One-Half to Four Years

°¶*22405	Topsy's Golden Princess 224809	15966.9	741.6	4.64	3—8	William A. Hill, Rockville, Md.
22340	Yokum River Lily 167277	12025.6	626.3	5.21	3—6	George H. Timmins, Ware, Mass.
22349	Marguerita's Pride of Riverside 155817	11300.4	530.0	4.69	3—11	Howard Bros., Lyons, Colo.
22390	Moose Valley Charm 164310	9457.2	506.1	5.35	3—6	Theo. Hollister, Duluth, Minn.
22331	Rose of Fern Hill 163390	8459.4	414.0	4.89	3—9	John Cramer, Jr., Menomonie, Wis.

CLASS E—Three to Three and One-Half Years

22352	Isabel of Prospect 174042	9966.8	543.1	5.45	3—2	W. D. Hoard & Sons Co., Fort Atkinson, Wis.
22395	Imp. Rosie's Ruby of Val Plaisant 228679	11172.5	527.9	4.72	3—5	Est. George S. Auerbach, Bloomfield, Conn.
22394	Rhoda of Utility 172844	8589.4	480.6	5.60	3—5	J. M. Harvey, Waukesha, Wis.
22360	Imp. Tostevin's Beauty II. 228684	9122.3	441.5	4.84	3—1	Est. George S. Auerbach, Bloomfield, Conn.
22354	Maple Ridge Flora 175924	8620.2	440.7	5.11	3—1	Dwight Baldwin, Westboro, Mass.
22339	Imp. Dolly II. of the Fountain 228617	8693.0	433.2	4.98	3—0	Frank B. Foster, Phoenixville, Pa.
22397	Roseboy's Millicent of the Rancho 232618	9265.0	431.0	4.65	3—0	D. O. Brant, Owensmouth, Calif.
†22361	Princess Plume of Derby Grange 167017	6925.8	406.7	5.87	3—5	J. Allen Wallis, Durango, Iowa
22383	Wil-Holm Estelle 178647	7790.1	379.6	4.87	3—1	Noyes L. Avery, Eastmanville, Mich.
22396	Silverwood's Suzette 171608	8829.5	376.0	4.26	3—1	D. O. Brant, Owensmouth, Calif.
†22366	Linda of Ballard Farm 167241	6606.0	337.3	5.11	3—3	J. M. Williams, North Adams, Mich.
†22400	Antoinette's May King Daughter 176740	6178.4	329.1	5.33	3—2	D. H. McAlpin, Morris Plains, N. J.

CLASS F—Two and One-Half to Three Years

°22364	Pine Lane May Gold 179102	12638.7	683.5	5.41	2—8	Walter Roesler, Great Barrington, Mass.
22398	Meadowood Cherub's Bella 172492	12817.5	622.6	4.86	2—11	J. E. Andrus, Jr., Walker, Minn.
22386	Heweshurst Butter Girl 216260	10857.4	579.8	5.34	2—9	A. D. Lasker, Deerfield, Ill.
22382	Waddington Sylvia 182178	10765.3	569.5	5.29	2—6	Arthur Galusha & Son, Walliamstown, Mass.
22336	Walden Daffodil 178306	11354.9	563.5	4.96	2—7	E. H. Fahrney, Oshkosh, Wis.
¶22391	Mildred of Green Lane Farm 179452	8189.1	485.8	5.93	2—7	Hamilton F. Kean, Elizabeth, N. J.
22350	Golden Boy's Florinda of Riverside 185053	8446.5	470.2	5.57	2—8	Howard Bros., Lyons, Colo.
22334	Imp. Violet Iris II. 228623	7428.1	385.4	5.19	2—8	Frank B. Foster, Phoenixville, Pa.
22379	Imp. Verena of Myrtle Place 190673	6143.6	338.4	5.51	2—11	John S. Candler, Decatur, Ga.
22359	Lolita of Green Gables 179329	6912.2	317.2	4.59	2—6	Joseph I. France, Port Deposit, Md.

CLASS G—Under Two and One-Half Years

°22365	Cherub's Daisy of Bonnie Doon 190867	11042.5	644.9	5.84	2—5	H. D. Smith, Washington, Kansas
22346	Princess Viola of Elgercon 186567	9473.6	600.7	6.34	2—3	Mrs. Gertrude L. C. Tucker, Willoughby, Ohio
22341	Mixter Charity 181364	10384.3	592.4	5.70	2—5	Dwight Baldwin, Westboro, Mass.
22385	Great Hill's Woodbine 180902	10765.5	523.1	4.86	2—5	Carrie M. Stone, Marion, Mass.
22404	Rockingham Brilliant 228492	10078.7	501.4	4.97	2—4	Daniel G. Tenney, Salem, N. H.
¶22399	Tianna's Valley Queen 203518	9135.8	497.7	5.45	2—5	J. E. Andrus, Jr., Walker, Minn.
22332	Sunnybrook Royal Maid 235282	10002.5	487.8	4.88	2—4	Charles D. Cleveland, Eatontown, N. J.
22373	Ultra Vixter of Sepascot 191135	9825.4	487.0	4.96	2—4	Est. Leslie Weaver, Rhinebeck, N. Y.
22377	Mileybright's Cavalier Winnie 191114	10130.5	480.5	4.74	2—5	John S. Candler, Decatur, Ga.
22372	Ultra Peerless of Sepascot 191134	8262.6	472.5	5.72	2—5	John T. Kimbark, Rhinebeck, N. Y.
22338	Imp. Bon Espoir Kitty 228627	10473.8	461.2	4.40	2—5	Frank B. Foster, Phoenixville, Pa.
¶22368	Canterbury Bell of Bowood 193471	7985.4	456.2	5.71	2—2	L. F. Loree, West Orange, N. J.
22376	Rutgers Peter Pan's Ann 207001	8752.0	452.0	5.16	2—4	New Jersey Agricultural College, New Brunswick, N. J.
22378	Saugerties Rosebud 207812	9782.3	449.8	4.60	2—1	John S. Candler, Decatur, Ga.
22344	Briar Rose of Elgercon 186563	9276.3	447.4	4.82	2—5	Mrs. Gertrude L. C. Tucker, Willoughby, Ohio
22392	Moose Valley Lark 185099	8726.5	406.7	4.66	2—4	Theo. Hollister, Duluth, Minn.
22345	Sylvia's Dixie of Elgercon 186564	8735.2	404.0	4.62	2—4	Mrs. Gertrude L. C. Tucker, Willoughby, Ohio
22374	Gerar Cora 2d 194205	7497.8	382.8	5.11	2—1	E. Gittings Merryman, Cockeysville, Md.
22388	Kelso's Golden Rod 191219	6986.1	377.0	5.40	2—1	Joseph I. France, Port Deposit, Md.
22337	Imp. Fanny's Honour of Melrose 228632	8973.7	372.6	4.15	2—2	Frank B. Foster, Phoenixville, Pa.
22387	Kelso Evening Star 186159	7490.7	371.5	4.96	2—2	Joseph I. France, Port Deposit, Md.
22357	Steele's Hill Athalia 192979	6103.6	367.4	6.02	2—2	C. H. Tyler, Sanbornton, N. H.
22333	Trojan's Golden Violet of the Lake 195664	6870.6	354.3	5.16	2—0	John W. Maher, Devils Lake, N. Dak.
22369	LaBelle Lassie 195127	7713.3	352.2	4.57	2—3	William T. Hill, Whittemore, Mich.
22393	Raider's Primrose of Farmhill 200663	6232.9	349.8	5.61	2—1	Mrs. Henry R. Rea, Sewickley, Pa.
22335	Imp. Violet of Ashbrook 228630	8441.2	348.7	4.13	2—3	Frank B. Foster, Phoenixville, Pa.
22348	Escalon Verna 231670	7275.1	348.6	4.79	2—4	A. B. Humphrey, Escalon, Calif.
22347	Escalon Emma 198187	5947.0	345.3	5.81	2—0	A. B. Humphrey, Escalon, Calif.
22353	Kenilworth Girl's Molly 197766	7208.4	326.9	4.53	2—1	Wittig & Drew, McLean, Va.
†22401	May King's Antoinette of Brooklawn 196940	5794.7	304.9	5.26	2—1	D. H. McAlpin, Morris Plains, N. J.
†22367	Penncrest's Kremo 197140	5399.8	257.5	4.77	2—0	Manual Training & Industrial School, Bordentown, N. J.

Bulls Admitted to the A. R. by Daughters Whose A. R. Numbers Appear in Brackets

NORDMAN OF WASTELAND 55824 [22236—22293]
CLARK OF ELDERON 72828 [21808—22349]
GOVERNOR'S LAD OF MCKERROW FARMS 30405 (Imp.) [21564—22358]
WESTVIEW ULTIMAS OF SEPASCOT 96658 [22372—22373]
ROSE'S MARSHALL OF ENDICOTT FARM 72466 [21971—22383]
RAIDER'S SPOTSWOOD 58464 [19846—22391]
GOLDEN NOBLE OF POPLAR GROVE 59356 [21451—22405]
SHUTTLEWICK STRONGHEART 88055 [22344—22345]
LANGWATER HARWOOD 44363 [13156—22351]
MAY ROSE YEKSA STARLIGHT 33918 [20730—22370]
MR. DOOLEY OF KILLARNEY FARMS 64484 [20901—22371]
CLARA'S SLOGAN (R. G. A. S. 4518 P. S.) [18784—22375]
LANGWATER MUSIC'S DIMPLE KING 57284 [18897—22387]
MOUNT FAIR SELECT 47908 [19071—22402]

Double Letter Class¶ Triple Letter Class† Class Leader* Exceeds requirement by 100% or over° Re-entriesR

TEN LEADING COWS

In the Several Classes of the Advanced Register

		Lbs. Milk	% B. F.	Lbs. B. F.	% of requirement
CLASS A Five Years and Over. Minimum Requirement 400.0 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Countess Prue 43785 A. R. 6909	18626.9	5.92	1103.3	275.8
	Murne Cowan 19597 A. R. 1906	24008.0	4.57	1098.2	274.5
	May Rilma 22761 A. R. 1726	19673.0	5.46	1073.4	268.4
	Gertrude Claire 99550 A. R. 15917	20738.1	4.92	1020.0	255.0
	Nella Jay 4th 38233 A. R. 3194	20709.9	4.92	1019.3	254.8
	Langwater Nancy 27943 A. R. 1826	18783.5	5.39	1011.7	252.9
	Dairy Maid Queen of Spring Hill 74067 A. R. 8231	18180.7	5.56	1011.2	252.8
	Langwater Hope 27946 A. R. 1978	19882.0	5.05	1003.2	250.8
	Lillia of Iowa 2d 61500 A. R. 7589	18520.1	5.39	998.4	249.6
	Mallia 124355 A. R. 19424	16434.3	5.97	981.7	245.4
CLASS B Four and One-Half to Five Years**. Minimum Requirement 381.8 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Anesthesia Faith of Hill Stead 114354 A. R. 12732	19741.9	5.64	1112.5	279.8
	Edna of Mountain View 70827 A. R. 8706	16151.6	5.78	933.1	234.7
	Fannie of Moorland Farm 129904 A. R. 12741	18090.5	5.08	919.2	236.1
	Marshie D. V. 67481 A. R. 6858	14729.9	6.21	915.1	229.0
	Hylan Cottage Lassie 119573 A. R. 19643	17081.2	5.35	913.2	233.8
	Dairymaid of Pinehurst 24656 A. R. 843	17285.3	5.27	910.7	234.5
	Regina of Fairydale 134075 A. R. 14726	16105.1	5.63	906.7	229.7
	Kate of Farview 82754 A. R. 11926	19227.8	4.71	905.7	229.3
	Mazie of Blue Clay 142616 A. R. 17644—BB	16306.3	5.53	901.7	235.9
	Masher's Olga of Dellwood 110601 A. R. 13365	15613.2	5.63	879.8	229.8
CLASS C Four to Four and One-Half Years**. Minimum Requirement 363.5 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Cherub's Althea of Fair Meadows 145860 A. R. 21580	15277.6	6.06	926.2	243.8
	Norman's Missaukee Red Rose 89724 A. R. 10844	17527.2	5.14	900.7	239.3
	Gertrude Claire 99550 A. R. 15917	18942.5	4.72	893.4	243.2
	Pearl Rose of the Glen 47414 A. R. 4900	16855.6	5.25	884.2	231.8
	Winnie of Roughwood 96448 A. R. 12643	16185.5	5.46	883.1	231.4
	Langwater Zara 89273 A. R. 10632	14653.6	5.85	857.6	226.6
	Azucena's Pride 2d 24957 A. R. 1469	16203.9	5.28	855.7	232.7
	Lady Crescent's Ideal of El Jane 141951 A. R. 18127—CC	16624.7	5.14	854.9	232.7
	Murne's Apple Bud of A. D. F. 83445 A. R. 10067	14691.5	5.82	854.7	223.9
	Governor's Pauline 30472 A. R. 2441	14930.0	5.66	844.5	226.8
CLASS D Three and One-Half to Four Years**. Minimum Requirement 345.3 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	La Noce's May Rose 91329 A. R. 11788	18119.9	5.15	932.8	266.0
	Convent's Ultra Queen Rose 127433 A. R. 16513	16598.0	5.51	915.2	257.7
	Dolly Dimple 19144 A. R. 628	18458.8	4.91	906.9	256.5
	Regent's Italia 106261 A. R. 16158	16825.3	5.25	882.8	251.8
	Cherub's Cora of Shorewood 83706 A. R. 9683	15498.9	5.61	869.6	246.8
	Destiny of Roughwood 152812 A. R. 19344	16572.3	5.20	861.8	245.5
	Caribou Rosalie 131869 A. R. 13845	15721.6	5.29	832.2	231.9
	Pearl's Orpha 98429 A. R. 14851—DD	15149.6	5.47	828.9	239.1
	Shagbark's Dorothy 117764 A. R. 18275	18389.1	4.48	823.4	226.8
	Rilma of Bay Cliffs 93480 A. R. 11549—DD	15684.7	5.24	821.7	232.9
CLASS E Three to Three and One-Half Years**. Minimum Requirement 327.0 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Afterglow of Roughwood 84605 A. R. 10106	16815.7	5.22	878.2	255.1
	Jehanna Chene 30889 A. R. 2588	16186.7	5.33	863.4	251.1
	Dairymaid of Pinehurst 24656 A. R. 843	14562.4	5.91	860.3	260.3
	Shuttlewick's Jipsultana 108138 A. R. 13713	17429.3	4.63	807.3	235.1
	Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	4.46	796.5	239.2
	Golden Secret's Pearl 77034 A. R. 8595	17044.6	4.66	794.4	230.1
	Beacon Hill Rose Queen 97102 A. R. 13797	15748.1	4.96	781.5	229.3
	Lassie of Rising Sun 92893 A. R. 12981	14038.2	5.54	777.3	234.3
	Regina of Fairydale 134075 A. R. 14726	13477.0	5.74	773.2	226.4
	Lillia of Iowa 2d 61500 A. R. 7589	14239.3	5.43	773.0	233.5
CLASS F Two and One-Half to Three Years**. Minimum Requirement 308.8 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Maxim's May Queen of Dassel 136484 A. R. 17894	13967.1	6.09	849.9	262.0
	Brightness of Indian Bridge 85110 A. R. 11524	14460.0	5.71	826.0	258.2
	Shorewood Mademoiselle 168410 A. R. 20965	12348.7	6.59	813.8	257.2
	Nella Jay of Pencoyd 77520 A. R. 8730	16325.6	4.97	810.6	250.3
	Katherine's Trixie 100396 A. R. 8580	18495.7	4.28	791.5	254.0
	Gilmore's Diamond Dew 157648 A. R. 20310	15758.7	4.93	777.0	246.8
	Merry Lillian 118270 A. R. 15935	12625.9	6.13	774.5	245.9
	Langwater Hope 27946 A. R. 1978	15078.8	5.13	773.6	247.8
	Imp. Pearl of Rocque a Boeuf 94324 A. R. 11671	12929.3	5.98	773.4	242.4
	Emmadine Masherlette 109227 A. R. 13265	16604.0	4.62	767.6	246.2
CLASS G Under Two and One-Half Years**. Minimum Requirement 290.5 lbs. Butter Fat. Includes both the Single and Double Letter Classes. Duration of record, 365 days.	Missaukee Blue Bell Jane 174479 A. R. 20509	15692.6	5.25	824.3	271.0
	Procris Snowdrop 120156 A. R. 14306	15487.7	5.31	822.2	278.8
	Shuttlewick Levity 101850 A. R. 13362	16896.0	4.76	804.4	273.8
	Cathedral Kate 126395 A. R. 16125	16339.8	4.90	801.1	263.2
	Wyebrook Supreme Sunshine 161186 A. R. 18967	15151.7	5.27	797.8	269.3
	Shuttlewick Hebe 129735 A. R. 16538	18640.5	4.21	783.9	262.7
	Birchfield Selma 168619 A. R. 20622—GG	14496.8	5.32	771.7	250.8
	Aggie's Pride of High Rock 140985 A. R. 17178	15056.9	5.10	768.2	253.3
	Ultra of Edgemoor 107121 A. R. 14056	13493.6	5.69	767.4	248.8
	Wyebrook Merrymaid 161188 A. R. 19644	16219.1	4.70	761.7	256.8

Average Yield of 70 Class Leaders: 16546.7 lbs. Milk; 871.6 lbs. Butter Fat; 5.27 per cent.

The above are as they appeared Dec. 15, 1928

SUMMARY OF 21529 SINGLE LETTER RECORDS

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	*6614*	*11176.2*	*549.6*	*4.92*
Class B	*1359*	*10559.7*	*530.6*	*5.02*
Class C	*1634*	*10273.9*	*516.1*	*5.02*
Class D	*1761*	*9864.4*	*499.8*	*5.07*
Class E	*2049*	*9300.9*	*467.5*	*5.03*
Class F	*2657*	*9033.2*	*452.5*	*5.01*
Class G	*5455*	*8740.6*	*435.1*	*4.98*
	21529	*9901.4*	*493.0*	*4.98*

Milk Production

Best Year's Record 24008.0 lbs.

Av. Ten Largest Records 21020.8 lbs.

Butter Fat Production

Best Year's Record 1112.5 lbs.

Av. Ten Largest Records 1045.1 lbs.

HONORABLE MENTION

Largest Single Letter Record for which Certificate has been written since last issue of JOURNAL: Lorna Doone of Elgercon 124285, Re-entry: 15724.1 lbs. milk, 879.5 lbs. butter fat in Class A.

**Requirement: For each day over the minimum age add 0.1 lb. butter fat to the minimum requirement.

TEN LEADING COWS

In the Several Classes of the Roll of Honor

		Lbs. Milk	% B. F.	Lbs. B. F.	% of requirement
CLASS AA Five Years and Over. Minimum Requirement 400.0 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Silverwood Diana 82940 A. R. 13791	20006.4	4.87	974.8	243.7
	Golden Coronet of Jean Du Luth 81283 A. R. 10315	15485.9	6.26	968.8	242.2
	Pearl's Dot 57445 A. R. 6140	19602.5	4.93	965.8	241.5
	Jean Du Luth Coronet 52816 A. R. 6392	20004.0	4.76	952.3	238.1
	*Peggy of Killarney Farms 91658 A. R. 11147	16898.4	5.14	868.3	217.1
	Brookmead's Veronica 117142 A. R. 14392	14502.5	5.96	864.6	216.2
	Imp. Pearl of Rocque a Boeuf 94324 A. R. 11671	16102.6	5.34	860.5	215.1
	Duchess Ruth 47060 A. R. 3523	14644.2	5.81	850.5	212.6
	Arleen's Byrl of Meadow Brook 90092 A. R. 10551	12842.7	6.56	841.9	210.5
	May Rose Daisy of Avalon 92947 A. R. 12423	17717.6	4.75	840.8	210.2
CLASS BB Four and One-Half to Five Years** Minimum Requirement 381.8 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Mazie of Blue Clay 142616 A. R. 17644	16306.3	5.53	901.7	235.9
	Florham Donna May 123982 A. R. 15716	14665.3	5.74	842.1	214.8
	Lone Pine Mollie Cowan 91285 A. R. 11728	16927.7	4.96	840.3	213.1
	Miss Bella of Rocky Reach 2d 68460 A. R. 12254	15084.0	5.47	825.3	206.8
	King's Itchen Goldie 96339 A. R. 13487	14371.9	5.66	813.3	210.2
	Planet's May Blossom 128054 A. R. 16577	16071.4	4.82	775.4	194.7
	Merry Lillian 118270 A. R. 15935	13247.0	5.84	773.0	194.9
	Park's Judith Beauty 76118 A. R. 8533	15338.8	5.01	768.5	196.0
	Steele's Hill Periwinkle 150151 A. R. 19198	13012.7	5.85	761.5	198.9
	May Rose of Westbrook Farm 56445 A. R. 7991	15530.0	4.87	757.1	194.9
CLASS CC Four to Four and One-Half Years**. Minimum Requirement 363.5 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Lady Crescent's Ideal of El Jane 141951 A. R. 18127	16624.7	5.14	854.9	232.7
	Merry Rose Maid 105929 A. R. 13048	13944.3	5.90	822.3	217.4
	Bob's Elderon Mable 97880 A. R. 15484	16952.3	4.82	816.9	222.0
	Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	5.23	785.9	207.0
	Galaxy's Violet of Mara Alva 74195 A. R. 11525	13722.2	5.69	781.1	213.7
	Lola of Crystal View 99673 A. R. 15965	14561.6	5.28	768.7	202.7
	Ultra of Edgemoor 107121 A. R. 14056	13529.1	5.67	767.3	209.1
	Clare of Gerar 4th 143955 A. R. 17496	12975.8	5.78	763.9	206.3
	Silver Star of Jean Du Luth 84246 A. R. 10460	14659.1	5.19	761.5	201.2
	Birchfield Lassie 123202 A. R. 15777	15179.5	4.93	748.1	200.9
CLASS DD Three and One-Half to Four Years**. Minimum Requirement 345.3 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Pearl's Orpha 98429 A. R. 14851	15149.6	5.47	828.9	239.1
	Rilma of Bay Cliffs 93480 A. R. 11549	15684.7	5.24	821.7	232.9
	Katonah's Dew Drop 76698 A. R. 8584	16505.5	4.76	786.0	217.3
	Gerar Violet Cora 157602 A. R. 19456	15016.0	4.94	741.8	209.1
	*Topsy's Golden Princess 224809 A. R. 22405	15966.9	4.64	741.6	210.3
	Imp. Angulosa's Blanche of Langwater 110749 A. R. 14758	13562.3	5.39	730.4	208.3
	Albamont Forget-me-not 111348 A. R. 14633	13163.6	5.54	729.4	208.9
	Lady Mary of Sunnygables 101475 A. R. 14487	15674.3	4.61	722.9	202.6
	Gayoso Baby Alice 140936 A. R. 18268	12891.1	5.58	719.8	198.6
	Cleo's Princess of Millay's Homestead 152352 A. R. 20949	12919.1	5.50	711.0	200.1
CLASS EE Three to Three and One-Half Years**. Minimum Requirement 327.0 lbs. Butter Fat. Must carry a calf for at least 265 days of the record Duration of record, 365 days.	Gayoso Edna Louise 154129 A. R. 18935	14928.0	5.04	752.0	219.6
	Nelia of Millay's Homestead 152356 A. R. 20460	13780.7	5.45	750.7	221.6
	Daisy of Chicona 94894 A. R. 13460	12015.2	6.23	748.1	222.2
	Brilliant Lassie 86452 A. R. 11008	13870.0	5.38	746.3	217.3
	Goldmead's Bright Star 102077 A. R. 14720	15233.5	4.78	727.7	215.2
	Clarabelle of the Rancho 121269 A. R. 11974	11890.3	6.08	723.3	219.3
	Missaukee Sally 103153 A. R. 13266	13199.2	5.47	722.2	210.0
	Daisy of Mobjack 85119 A. R. 12163	12860.3	5.61	722.1	213.1
	Golden Princess of Sunnygables 102966 A. R. 14741	15496.0	4.62	716.5	211.9
	Regent's Mary May 137160 A. R. 17423	15486.1	4.53	702.2	204.2
CLASS FF Two and One-Half to Three Years**. Minimum Requirement 308.8 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Gayoso Incavo's Princess 178772 A. R. 21820	13540.0	5.65	765.3	245.7
	Mixter Faithful 101637 A. R. 11670	12601.9	5.91	744.7	241.2
	Guernest Ruth 76671 A. R. 9392	14357.2	5.17	742.9	231.9
	Golden Coronet of Jean Du Luth 81283 A. R. 10315	12253.5	5.95	729.7	231.3
	Ma Floreine 90747 A. R. 12100	11186.7	6.22	695.6	220.7
	Ann Hill of Rock Spring 172375 A. R. 21819	14517.1	4.79	695.2	220.8
	Imp. Molly of Bella 175164 A. R. 20144	13110.4	5.27	691.4	223.7
	Imp. Rosie II. of Vimiera 93734 A. R. 11356	13396.9	5.14	688.4	211.2
	Red Echo Jessica 122562 A. R. 15953	11737.4	5.84	685.4	218.6
	Westview Eulalie 101869 A. R. 14431	12058.5	5.68	684.4	212.6
CLASS GG Under Two and One-Half Years**. Minimum Requirement 290.5 lbs. Butter Fat. Must carry a calf for at least 265 days of the record. Duration of record, 365 days.	Birchfield Selma 168619 A. R. 20622	14496.8	5.32	771.7	250.8
	Norman's Missaukee Red Rose 89724 A. R. 10844	15122.3	5.03	760.7	254.3
	Wyebrook Glory 188200 A. R. 20499	13701.9	5.48	750.5	250.4
	Merry Rose Maid 105929 A. R. 13048	13138.4	5.63	740.0	244.2
	Beechford's Josephine 156216 A. R. 20571	12382.0	5.93	733.8	240.0
	Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	5.52	726.9	247.4
	Tuscarora Ledyard Blossom 92158 A. R. 10732	12620.6	5.60	707.0	237.4
	Imp. Hilltop Butterfat's Clara 160768 A. R. 19408	14060.6	4.94	694.3	226.0
	Maple Glen Miss Frost 89053 A. R. 10888	13165.6	5.26	692.8	227.4
	White's Treva Girl 138210 A. R. 18276	12928.6	5.33	689.4	223.4

Average Yield of 70 Class Leaders: 14491.0 lbs. Milk; 773.6 lbs. Butter Fat; 5.34 per cent.

The above are as they appeared Dec. 15, 1928

SUMMARY OF 4548 DOUBLE LETTER RECORDS

	Records	Lbs. Milk	Lbs. B.F.	Per Cent.
Class AA	*1338*	*10678.9*	*530.2*	*4.96*
Class BB	*339*	*10540.5*	*526.9*	*5.00*
Class CC	*409*	*9989.1*	*501.1*	*5.02*
Class DD	*417*	*9661.5*	*483.8*	*5.01*
Class EE	*466*	*9091.4*	*460.7*	*5.07*
Class FF	*551*	*8710.6*	*457.6*	*5.25*
Class GG	*1028*	*8296.3*	*429.4*	*5.18*
	4548	*9573.6*	*484.4*	*5.06*

Milk Production — ***Best Year's Record 20006.4 lbs.*** — ***Av. Ten Largest Records 18471.1 lbs.***

Butter Fat Production — ***Best Year's Record 974.8 lbs.*** — ***Av. Ten Largest Records 906.2 lbs.***

HONORABLE MENTION

Largest Double Letter Record for which Certificate has been written since last issue of JOURNAL: Peggy of Killarney Farms 91658, Re-entry: 16898.4 lbs. milk, 868.3 lbs. butter fat in Class AA.

*First appearance in this list. **Requirement: For each day over the minimum age add 0.1 lbs. butter fat to the minimum requirement.

TEN LEADING COWS

In Each of the Several Classes of the Farmers' Division

		Lbs. Milk	% B. F.	Lbs. B. F.	% of requirement
CLASS AAA Five Years and Over. Minimum Requirement 360.0 lbs. Butter Fat. Duration of record 305 days. Milked twice daily. Must carry calf for 205 days.	Waldorf's Periwinkle 130346 A. R. 16300	11057.3	6.28	694.0	192.8
	Waldorf's Mina 96906 A. R. 11929	14135.8	4.76	672.4	186.8
	Rose Bud of Valley Forge Farm 95633 A. R. 21165	13243.4	5.02	665.4	184.8
	Crescenda 71233 A. R. 19321	13154.2	5.03	661.3	183.7
	Sequel's Gala 90735 A. R. 20984	13567.9	4.75	644.1	178.9
	Red Wing's Bonny of Scott Farm 77460 A. R. 18797	12002.0	5.29	634.5	176.3
	Bosworthfield Beulah 90685 A. R. 20866	13105.7	4.81	630.6	175.2
	Sweet Violet of Coker Farms 144819 A. R. 15773	12807.1	4.92	629.9	175.0
	Noble Rose of Corwin Hill 109236 A. R. 20406	11957.0	5.22	624.1	173.4
	Alice Leman of the Rancho 139963 A. R. 18263	13625.8	4.54	618.7	171.9
CLASS BBB Four and One-Half to Five Years** Minimum Requirement 341.8 lbs. Butter Fat Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Bosworthfield Evelyn 127418 A. R. 19909	11006.4	5.53	608.6	174.2
	Red Echo Jessica 122562 A. R. 15953	10355.9	5.60	579.9	164.1
	Anton's Lucile Primrose 71074 A. R. 11493	10084.1	5.69	573.8	167.6
	Dora's Princess of Bradford 148638 A. R. 22233	10227.9	5.20	532.3	151.4
	Rose of Valley Gem 121145 A. R. 15776	10662.2	4.86	518.3	146.7
	Waldorf's Lady Queen 127457 A. R. 16610	10756.9	4.78	513.7	144.1
	Bertha's Ultra Pride 142501 A. R. 21871	9650.8	5.29	510.1	146.0
	Docile's Pride of Oronoko 117538 A. R. 15325	9706.9	5.18	503.1	146.3
	Bessie B. of Elm Farm 110552 A. R. 17646	10493.0	4.79	502.9	144.4
	White's Iris 138209 A. R. 21247	10451.4	4.69	489.9	143.0
CLASS CCC Four to Four and One-Half Years** Minimum Requirement 323.5 lbs. Butter Fat Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Imp. Jessica of St. George's 207130 A. R. 20594	11764.6	5.59	657.1	197.6
	Coker Golden Carnation 135458 A. R. 17418	12387.3	5.09	630.7	188.0
	Imp. Fleurie of the Glen 175151 A. R. 18977	11377.1	5.40	614.5	180.9
	Edytha of Munroholm 144838 A. R. 18491	10867.3	5.43	590.4	181.0
	Proud Don's Rose Bud 140549 A. R. 17377	10209.8	5.52	563.9	171.3
	Imp. Dairymaid des Cambrees 192403 A. R. 19324	12336.1	4.56	563.1	165.8
	Birchwood's Barbara 129844 A. R. 19282	9861.4	5.56	548.6	168.5
	Sharon Bell 76326 A. R. 8166	9171.9	5.90	541.4	165.5
	Kyrta Starlight Queen 135149 A. R. 19695	9711.8	5.57	541.3	164.8
	Henrietta Janet 136672 A. R. 19978	10707.8	5.03	538.9	166.4
CLASS DDD Three and One-Half to Four Years**. Minimum Requirement 305.3 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Oregon Pet 112652 A. R. 15754	10287.5	5.65	580.8	180.4
	Fair Weather Compiegne 147382 A. R. 20574	10483.1	5.49	575.2	178.2
	Inspiration California Girl of Adohr 156379 A. R. 21922	11327.9	5.06	573.1	181.4
	Gayhead's Pansy 148666 A. R. 18578	10578.3	5.31	562.0	182.9
	Grapelawn Golden Willow 161857 A. R. 16731	9943.4	5.41	538.4	173.1
	Rose Mary of Twin Brook 155176 A. R. 21646	9475.5	5.68	537.8	166.7
	Prudy of Glennfield Springs 167094 A. R. 22234	9812.7	5.30	520.0	166.2
	Arvon's Ivy 137046 A. R. 17700	10064.9	5.16	518.9	163.8
	Arvon's Alice 137048 A. R. 19589	9545.6	5.38	513.2	161.4
	Warrior's Hope 131041 A. R. 19152	8981.2	5.71	512.4	161.0
CLASS EEE Three to Three and One-Half Years**. Minimum Requirement 287.0 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Corwin Hill Daisy 165004 A. R. 20967	13691.8	4.62	632.9	215.7
	Tuscarora Ledyard Blossom's Esther 167601 A. R. 18134	10758.4	5.41	581.5	198.2
	Escalon Rosebud 214011 A. R. 20334	10457.9	5.46	570.5	193.3
	Escalon Barbara 167320 A. R. 19563	9301.3	5.97	555.5	192.1
	Woodlawn's Eva's Goldie 177645 A. R. 21718	10062.7	5.30	533.4	175.8
	Criterion's Polly of Farview 147875 A. R. 19322	9227.5	5.76	531.7	183.0
	Waldorf's Periwinkle 130346 A. R. 16300	8491.1	6.24	530.0	177.3
	Vanity's Lucille of Mount Fair 151129 A. R. 19319	9576.1	5.43	520.1	171.9
	Beatrice of Horton Farm 172749 A. R. 17755	9869.2	5.21	514.5	174.7
	Raider's Cheer of Summit Farm 162037 A. R. 20865	10493.0	4.81	504.3	168.7
CLASS FFF Two and One-Half to Three Years**. Minimum Requirement 268.8 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days.	Allouez Grace Frances 149371 A. R. 19621	9773.3	5.55	542.8	193.3
	Oregon Pet 112652 A. R. 15754	8849.0	5.85	517.3	181.9
	Wilna Glenwood 198143 A. R. 19429	7909.9	6.28	496.8	176.5
	Vranta's Queen of Blue Ridge 142211 A. R. 17906	8270.4	5.49	454.2	165.9
	Helendale Flora 181673 A. R. 22178	7304.3	6.21	453.4	159.0
	Bosworthfield Hildegarde 175632 A. R. 21223	9025.1	5.02	453.3	166.4
	Milkmaid of Old Town Farm 213211 A. R. 20573	8291.0	5.42	449.2	161.8
	Clara of Chippewa 140337 A. R. 18083	7936.3	5.63	446.6	161.2
	Imp. Violet VII. of Figtree 201438 A. R. 20066	7787.6	5.73	446.1	160.9
	Interloch's Lilly 128276 A. R. 16981	9002.1	4.92	442.8	161.3
CLASS GGG Under Two and One-Half Years**. Minimum Requirement 250.5 lbs. Butter Fat. Duration of record, 305 days. Milked twice daily. Must carry calf for 205 days	May's Emma 159093 A. R. 18972	8850.0	5.87	519.2	197.0
	Waldorf's Nancy 156967 A. R. 18808	9572.3	5.40	516.5	196.8
	Darley's Golden Buttercup 173394 A. R. 20864	9615.6	5.29	509.1	192.2
	Stonehouse Sunshine 170891 A. R. 20335	10281.0	4.84	497.8	190.0
	Escalon Rosebud 214011 A. R. 20334	9070.5	5.14	466.3	180.5
	Fair View Laura 182980 A. R. 20853	9364.9	4.95	463.6	182.8
	Daisy Janet of Spring Hill 199312 A. R. 19605	9512.2	4.84	460.0	182.5
	Maydean's Chocolate of Savery Farm 216620 A. R. 20572	9493.7	4.82	457.6	172.4
	Bosworthfield Imogen 177204 A. R. 21388	9230.4	4.91	453.6	175.3
	Maxie of Blue Clay 142616 A. R. 17644	8377.5	5.40	452.7	169.9

Average Yield of 70 Class Leaders: 10291.3 lbs. Milk; 542.9 lbs. Butter Fat; 5.28 per cent.

The above are as they appeared Dec. 15, 1928

SUMMARY OF 1041 TRIPLE LETTER RECORDS

	Records	Lbs. Milk	Lbs. B.F.	Per Cent.
Class AAA	*277*	*9131.9*	*448.3*	*4.91*
Class BBB	*76*	*8566.5*	*434.9*	*5.08*
Class CCC	*87*	*8528.8*	*439.4*	*5.15*
Class DDD	*86*	*8247.1*	*416.5*	*5.05*
Class EEE	*123*	*7861.4*	*401.3*	*5.10*
Class FFF	*122*	*7172.6*	*370.0*	*5.16*
Class GGG	*270*	*6850.9*	*347.9*	*5.08*
	1041	*7995.8*	*403.2*	*5.04*

Milk Production ***Butter Fat Production***

Best Triple Letter Record 14135.8 lbs. Best Triple Letter Record 694.0 lbs.
Av. Ten Largest Records 13327.0 lbs. Av. Ten Largest Records 652.3 lbs.

HONORABLE MENTION

Largest Triple Letter Record for which Certificate has been written since last issue of JOURNAL: Imp. Elmo's Blossom 226852, A. R. 22375: 9489.0 lbs., milk 449.3 lbs. butter fat in Class CCC.

**Requirement: For each day over the minimum age add 0.1 lbs. butter fat to the minimum requirement.

WHAT THE COWS ARE DOING

Their Latest Credits in the Advanced Register

***SPECIAL NOTE:** This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and all are made on the one-day basis. Re-entry test is indicated by a* before the cows name. Farmers' Class record is indicated by a †*

Name and Number	Class	Days	Month	Month Credit Lbs. Milk	Month Credit % B. Fat	Month Credit Lbs. B. Fat	Total Credit Lbs. Milk	Total Credit Lbs. B. Fat
Agnew, J. S., Inverness Farm, Burkeville, Va.								
Dolores of Inverness 185968	F	190	Sept	960.8	4.57	43.91	6506.0	261.66
Dot of Inverness 187781	F	170	Sept	856.5	5.83	49.93	5300.3	278.10
Ella of Inverness 216745	G	73	Sept	777.4	4.46	34.67	1928.6	83.14
Eloise of Inverness 203073	F	53	Sept	1158.1	4.03	46.67	1987.6	74.87
Lucerne's Eileen 189992	F	157	Sept	1010.9	5.77	58.33	6284.7	277.97
Alabama, State of, Kilby Dairy Farms, Montgomery, Ala.								
Norman's Lady of Hamilton Echo 125275	A	150	Oct	720.6	4.93	35.53	4651.0	218.01
Pilot's Mary Jane 213300	F	160	Oct	521.8	4.53	23.64	3395.5	142.88
Aldrich, Stuart M., The Aldrich Farm, Rehoboth, Mass.								
Imp. Lady Brechou of Langwater 207068	A	156	Oct	1190.1	4.19	49.87	6023.3	275.16
Pharaon's Dolly of Oaks Farm 106533	A	214	Oct	1128.9	4.05	45.72	9040.3	370.49
Rockingham Sunflower 224005	G	165	Oct	902.8	4.72	42.61	5643.7	258.84
Sunnybrook Royal Beauty 148464	A	365	Oct	343.1	5.84	20.04		
				588.9	5.23	30.80	12523.1	701.4
Andrus, J. E., Jr., Island Farm, Island, Minn.								
Beda's Starlight May Rose 112621	A	365	Oct	324.8	5.78	18.77	10821.0	591.4
Island's Gold Lassie 134851	A	133	Oct	1152.9	5.68	65.48	6151.2	302.70
Lady La Noce 130982	A	359	Oct	733.6	6.81	49.96	11510.5	631.04
Maxim's Dolly of Island Farm 173723	E	365	Oct	518.1	6.41	33.21	11072.6	626.2
Milvia 147683	B	363	Oct	550.4	6.75	37.15	13239.9	664.37
Starlight Lassie 3d 162666	C	187	Oct	1096.5	5.25	57.57	7888.2	353.99
Andrus, J. E., Jr., Tianna Farms, Walker, Minn.								
Beechford's Christine 185519	E	327	Oct	449.5	6.24	28.05	8971.8	479.23
Diamond of the Prairie 156747	B	197	Oct	1154.0	5.82	67.16	8909.2	459.03
Fritzlyn Liberty's Gift 191452	F	307	Oct	675.5	6.00	40.53	9636.9	452.40
Gayhead's Maxine 173061	D	275	Oct	716.0	6.64	47.54	9474.5	546.44
Maxim's Josephine of High Point 169079	C	216	Oct	902.1	6.46	58.28	7776.5	430.77
Maxim's Pretor's Rosabell 115484	A	161	Oct	1242.4	5.50	68.33	7040.4	338.40
Imp. May of the Issues 115907	A	175	Oct	1333.2	5.31	70.79	8148.6	408.66
Meadowland Maid 126342	A	357	Oct	557.8	6.44	35.92	14859.1	663.8
Meadowland Mary 126344	A	183	Sept	1054.7	6.12	64.55		
Meadowood Hayes Bella 206305	G	193	Oct	717.2	5.54	39.73	6407.6	306.23
		214	Oct	965.0	6.29	60.70	8388.5	433.50
Tianna's Ara 246108	G	78	Oct	835.7	5.86	48.97	2195.9	119.94
Archer, Caroline, Flying Hill Farms, Reading, Pa.								
Begonia of Flying Hill 134205	A	211	Oct	778.9	5.27	41.05	6244.9	297.56
Cynthia of Flying Hill 198448	G	147	Oct	986.3	4.92	48.53	5042.0	221.65
Daylight of Flying Hill 198444	G	292	Oct	745.7	5.47	40.79	9284.8	466.90
Dehlia of Flying Hill 198445	G	196	Oct	807.3	5.33	43.03	5779.9	262.04
Modiste of Flying Hill 211526	G	142	Oct	930.2	4.68	43.53	4405.0	194.36
Shasta of Flying Hill 184645	E	188	Oct	1068.3	4.70	50.21	6872.1	306.24
Austin, R. J., Liseter Farms, Newtown Square, Pa.								
†Golden Informal of Liseter Farm 210739	G	141	Oct	803.0	4.38	35.17	3995.7	164.88
†Jubilastic of Liseter Farm 218611	G	132	Oct	855.0	4.44	37.96	4144.8	163.72
†Sultan Nellie's Gem of Liseter Farm 209003	G	103	Oct	938.8	3.95	37.08	3242.4	125.75
†Westbrook Esperance of Liseter Farm 200145	F	21	Sept	694.4	5.41	37.57		
s. Westbrook Sultan 59972 A. R.	d. Liseter's Esperance 96233 A. R. 19194							
Baer, John P., Pot Spring Farm, Timonium, Md.								
†June of Pot Spring 187804	D	18	Sept	590.7	4.27	25.22		
		49	Oct	928.9	4.42	41.06	1519.6	66.28
s. Pencoyd Herald 92450	d. Nanette's Belle 93201							
†Margaret of Pot Spring 113810	A	128	Sept	802.6	4.57	36.68		
		159	Oct	645.5	4.84	31.24	4833.8	211.20
†Polly of Idle-wild 103822	A	130	Sept	874.4	5.64	49.32		
		161	Oct	814.9	5.59	45.55	5182.1	256.40
†Ray of Pot Spring 207684	F	81	Sept	988.2	5.27	52.08		
		112	Oct	891.8	5.23	46.64	3742.7	181.79
Baumgardner, W. E., Parkersburg, W. Va.								
Snugholm Queen 171012	D	196	Sept	533.4	4.51	24.06		
		227	Oct	498.8	5.85	29.18	6586.2	294.87
Black, F. B., Raemelton Farm, Mansfield, Ohio.								
Edgewood Annie Laurie 188935	F	365	Oct	56.9	4.90	2.79	8018.8	367.3
Raemelton's Felicia 203903	E	75	Oct	783.1	4.77	37.35	2072.9	96.44
Raemelton's Ruby 203913	G	55	Oct	1026.6	4.22	43.32	1843.8	78.46

Raider's Pearl of Pine Mead 170538	C	211	Oct	956.4	4.78	45.72	7269.7	329.97
Blahnik, George F., Carnival Guernsey Farm, Algoma, Wis.								
Flossie of Carnival 141591	A	12	Sept	558.6	4.02	22.46		
s. Blahnik's Hero 53480 A. R.	d. Blahnik's Dolly of Riverside 105405 A. R. 19355							
Masher's Ellen's Lassie of Carnival 245458	F	12	Sept	343.7	4.52	15.54		
s. Kodan's Senator 77372	d. Masher's Ellen of Carnival 143608 A. R. 19236							
Brandt, G. A., Bonnie Brae Stock Farm, Rockford, Ohio.								
Golden Girlie of the Bonnie Brae 182206	E	315	Sept	352.2	6.90	24.30	7840.1	427.46
Hope of the Bonnie Brae 200309	G	253	Sept	774.4	5.24	40.58		
		284	Oct	788.5	4.93	38.87	8626.4	411.07
Lilac's Beauty of the Bonny Brae Farm 137764	A	205	Sept	892.1	5.32	47.46		
		236	Oct	848.1	5.35	45.37	9058.8	465.02
†Mayflower Fawn of the Bonnie Brae Farm 167673	B	19	Aug	582.7	3.89	22.67		
		49	Sept	906.2	4.20	38.06		
		80	Oct	850.7	4.64	39.47	2339.6	100.20
s. Brookmead's Noble Lad 63041	d. Star's Mayflower 124719							
†Mina's June of the Bonny Brae 174665	C	27	Aug	854.2	4.30	36.73		
		57	Sept	968.1	4.55	44.05		
		88	Oct	896.8	4.91	44.03	2719.1	124.81
s. Brookmead's Noble Lad 63041	d. Mina of Chestnut Hill 27739							
Rosebud Virlie 210322	G	263	Sept	626.7	5.34	33.47		
		294	Oct	631.6	4.95	31.26	7448.2	354.25
Star's Brighteye of the Bonnie Brae 184122	E	263	Sept	695.1	4.72	32.81		
		294	Oct	726.5	4.83	35.09	8567.1	385.55
Star's Mayflower 124719	A	315	Sept	370.9	5.86	21.73		
		346	Oct	1077.0	4.94	53.20	12218.0	571.47
Star's Princess of River Side Stock Farm 90576	A	123	Aug	1263.6	4.45	56.23		
		153	Sept	1031.1	4.65	47.95		
		184	Oct	956.5	4.66	44.57	7640.2	323.59
Brennan, William, Spinnerville Stock Farm, Ilion, N. Y.								
Daisy Della of Bellmath 105848	A	336	Oct	339.2	5.83	19.78	10079.9	477.56
Lassie Mapleton 152745	A	203	Oct	511.8	5.24	26.82	6428.5	305.25
Buckingham, S. McLean, Mount Fair Farms, Watertown, Conn.								
†Folly Girl's Rose of Mount Fair 176867	D	268	Oct	585.7	5.41	31.69	6748.8	319.54
†Vanity's Folly Girl of Mount Fair 151133	B	305	Oct	185.9	6.93	12.88	11060.8	476.6
Burden, Henry, Longview Farms, Cazenovia, N. Y.								
Bebe of Longview 244962	G	265	Oct	920.1	5.39	49.59	9480.3	435.89
Freda of Longview 239683	G	336	Oct	660.9	6.15	40.65	8300.6	449.07
Laddie's Peggy of Longview 258068	G	111	Oct	668.2	5.81	38.82	2582.5	129.15
Peterkin's Beauty of Fairview S. 112241	A	265	Sept	1329.8	4.10	54.52		
		296	Oct	1387.3	4.41	61.18	18348.2	723.00
Caldwell, R. B., Hazelwood Farms, Chester, S. C.								
Beauty of Brice Farm 134721	A	239	Oct	944.8	4.74	44.78	9968.7	454.53
Hazelwood Belle 152491	A	94	Oct	921.6	5.18	47.74	2967.8	152.66
Hazelwood's Beta 210213	G	358	Oct	566.1	5.53	31.31	9692.9	507.67
Hazelwood's Charm 210214	F	107	Oct	720.4	5.50	39.62	2846.4	149.07
Hazelwood's Marie 210215	G	118	Oct	623.1	4.63	28.85	2750.2	133.56
Little Minnie of Brice Farm 123667	A	111	Oct	732.8	4.94	36.20	3097.9	157.17
Carlson, W. A., Wilder, Idaho.								
†Chieftain's Thankful 204695	G	265	Oct	376.7	6.74	25.39	5484.1	276.23
Cassel, I. A., Maple Lawn Farm, Harleysville, Pa.								
†King of the May's Lass 159061	C	259	Oct	482.9	7.07	34.14	5844.3	327.94
Lila Gay of Kenilworth 126245	A	364	Oct	475.3	6.07	28.85		
		365	Nov	16.2	6.07	.98	8175.3	436.0
†Stars and Stripes' Beauty of Maple Lawn 197490	G	250	Sept	524.9	5.51	28.92		
		281	Oct	534.5	5.63	30.09	6241.3	298.89
Chatham, Thurmond, Klondike Farm, Elkin, N. C.								
Bishopville Countess Closel 197391	D	23	Oct	905.5	5.09	46.09		
s. Glen Gable Anchora 75076	d. Closel Countess of Elmendorf 77365 A. R. 8106							
Grape Lawn's Fairy Lady 200115	G	347	Oct	850.1	5.76	48.97	10414.7	571.92
†Klondike Alice 219896	G	305	Oct	556.6	5.61	31.23	7208.0	375.1
Lady of the Swamp 121658	A	214	Oct	954.3	6.22	59.36	7852.5	440.71
Resolute's Countess 197815	G	214	Oct	643.6	6.02	38.74	5388.9	290.05
Riegel's Anna Belle 180631	E	305	Oct	636.4	5.39	34.30	7868.7	395.53
Rowan's Neda of Western Slope Ranch 103803	A	153	Oct	1326.0	4.34	57.55	7234.2	319.48
Cheney, B. Austin, Falcon's Flight Farm, Litchfield, Conn.								
Ariel's May Rose Jane 166906	C	240	Oct	651.8	6.43	41.91	7289.2	405.53
Barrington Zayma 2d 123730	A	228	Oct	804.4	5.44	43.76	6942.1	351.03
Falcon's Katrina 136425	A	255	Oct	810.4	5.26	42.63	9399.2	487.69
Falcon's Narcissa 167291	C	305	Oct	703.4	5.36	37.70	9757.3	494.72
Falcon's Patroness 183052	F	365	Oct	242.7	5.59	13.57	10156.2	531.3
Falcon's Sailor Girl 210007	G	191	Oct	828.4	4.98	41.25	5717.9	276.43
Meadowland Springtime 200671	G	254	Oct	793.3	5.80	46.01	7742.1	395.84
Chestnut Farms, Inc., Walkersville, Md.								
Imp. Amelia II. of North View 150567	A	356	Sept	607.4	3.96	24.05		
		365	Oct	88.1	3.96	3.49	13680.7	562.1
Glenchester Lily Queen 209253	F	361	Oct	229.6	5.15	11.82	6039.9	399.57
Imp. Glenora's Vanity 150545	A	365	Oct	43.1	6.57	2.83	9445.6	513.6

Imp. Grand Darling 150558	A	361	Oct	613.7	5.71	35.04	10546.9	581.64
Chisholm, J., Harmonsburg, Pa.								
Shadyside's Iona Select 210195	D	27	Oct	782.2	4.77	37.31		
s. Shadyside Ultra Surprise 86342	d. May King's Iona Select 127679							
Colebank, O. O. & Sons, Germantown, Tenn.								
Neshoba Maid 260356	G	23	Sept	810.3	3.59	29.09		
		54	Oct	918.1	4.63	42.51	1728.4	71.60
s. Actor's Incavo of Gayoso 81832	d. Fernwood Lake Shore Winner 87462							
Connecticut Agricultural College, Storrs, Conn.								
Carmine Lorin Storrs 208607	G	234	Oct	501.0	5.70	28.56	5230.9	260.95
Ernestine of Green Lodge 119016	A	277	Sept	583.8	5.59	32.63	10051.6	469.29
Genial Eurotas Storrs 145552	A	39	Sept	1623.3	3.94	63.96		
		70	Oct	1530.6	4.55	69.64	3570.4	152.34
Julia Ellen Storrs 197711	G	358	Oct	606.5	5.71	34.63	8989.2	449.40
Sagacious Storrs Sunbeam 156775	C	365	Oct	93.9	5.52	5.18	12085.7	565.9
Cornell University, Ithaca, N. Y.								
Glenwood Queen Kak 198851	G	350	Oct	384.4	5.04	19.37	7310.3	354.93
Le Cheminant Kak 140293	A	294	Oct	684.7	5.72	39.16	9098.7	449.07
Mota Jardiniere 182699	G	365	Oct	56.8	4.23	2.40	9328.4	398.5
Ultra's Kaksakee 174101	E	330	Oct	231.0	6.47	14.95	5240.5	272.76
Cotting, Charles E., Chedco Farm, Berlin, Mass.								
Chedco Josephine 185397	F	227	Oct	877.1	6.69	58.68	6881.2	391.50
Chedco Lady Edith 172466	E	333	Oct	808.7	6.35	51.35	11289.5	646.75
Imp. Fontaines' Flossie of Chedco 239220	D	167	Oct	978.8	5.13	50.21	5692.1	276.26
Cox, Louis S., Randot Farm, Methuen, Mass.								
Imp. Hunguets Bloom Princess 183722	B	334	Oct	793.1	5.85	46.40	11718.4	553.62
Imp. Hybrid's Duchesse II. 187302	B	355	Oct	684.9	6.30	43.15	11919.2	583.04
†Randot Gloryann 165947	C	182	Oct	729.3	4.87	35.52	5334.6	245.18
†Randot Hope 214276	C	172	Oct	573.6	4.95	28.39	4171.7	204.28
†Randot Pattie 165948	C	222	Oct	569.3	5.64	32.11	5767.8	287.17
Cunningham, Wilson, Platteville, Wis.								
†Victoria of Ore Hill 81450	A	280	Sept	696.2	5.10	35.51		
		305	Oct	507.4	5.48	27.81	8278.6	400.8
Davenport, Charles M., Davenport Farm, Leyden, Mass.								
Langwater Jacquelin 177731	D	49	Oct	1180.4	4.62	54.53	1893.1	88.38
Laudholm Lady Pat 174486	B	70	Oct	1321.5	4.53	59.86	3025.7	139.11
Springside Virginia 187851	E	141	Oct	741.0	5.44	40.31	4578.9	219.61
Davis, L. G., The Terrace Farms, Linwood, N. C.								
Lahkoolsh Replica Glow 219186	G	24	Oct	604.1	4.23	25.55		
s. Roughwood Replica 102345	d. Angela May 2d 182900 A. R. 20593							
Queen Bess of Twin Brook 206616	G	21	Sept	561.5	3.84	21.56		
		52	Oct	768.6	4.69	36.05	1330.1	57.61
s. Burnside Ultra King 42600 A. R.	d. July's Buttercup 137166							
Davis, Westmoreland, Morven Park Farm, Leesburg, Va.								
Morven's Argeva 2d 126391	A	139	Oct	885.3	4.97	44.00	5509.3	244.57
Morven's France's Verbena 187637	C	289	Oct	681.1	5.42	36.92	9556.7	445.00
Morven's Lilly Mae 103887	A	245	Oct	790.4	4.63	36.60	8288.7	354.84
Morven's Melody's Frances 187630	B	278	Oct	793.2	5.33	42.28	8736.2	422.32
Morven's Moonbeam 188714	C	238	Oct	876.6	4.18	36.64	8446.4	354.82
Morven's Mysterious 188717	C	96	Oct	1012.9	3.65	36.97	3555.1	141.87
Morven's Norma's Delight 159042	A	270	Oct	792.4	6.78	53.72	8064.6	473.52
Morven's Orache 187641	C	146	Oct	1042.8	4.88	50.89	5409.2	250.63
Morven's Ruth Frances 187631	B	218	Oct	1113.8	4.43	49.34	8986.9	379.14
Morven's Rutila 2d's Daughter 223065	G	252	Oct	639.2	6.55	41.87	7118.7	388.76
Morven's Rutila's Handmaid 187629	A	255	Oct	578.0	5.82	33.64	7245.4	364.96
Morven's Side Light 187651	D	235	Oct	762.6	4.28	32.64	7097.3	329.83
Morven's Sun Maid 156694	A	270	Oct	747.4	5.21	38.94	8267.5	424.15
Morven's Victoria Bud 187632	B	10	July	423.0	6.50	27.50		
		41	Aug	1376.9	6.50	89.50		
		71	Sept	1299.8	5.37	69.80		
		102	Oct	1211.1	5.20	62.98	4310.8	249.78
s. Monticello of Locust Grove 50626 A. R.	d. Morven's Victoria Rose 125643							
Decker, J. B., Springvale Farms, Elkton, Md.								
†Aleta Spot of Brookside 177654	A	251	Oct	760.5	4.20	31.94	8095.9	320.38
Beauty's Bountiful Betty 148188	B	321	Oct	445.2	4.80	21.37	8600.8	412.96
Bountiful Maid's Lassie 164431	C	321	Oct	617.0	5.42	33.44	9014.4	465.84
Fernwood Aleta of Brookside 242326	A	211	Oct	654.4	5.40	35.34	6251.7	297.11
Gerar May 171230	E	290	Sept	519.7	6.76	35.13		
		321	Oct	463.2	5.77	26.73	9204.2	514.03
Miss Tiney 176750	E	321	Oct	494.0	5.72	28.26	7255.1	369.51
Poilu's Agnes 185471	E	230	Oct	494.8	5.73	28.35	5088.0	256.31
Dillon, D. Frank, Shadow Farm, Leominster, Mass.								
†Greyholme's Bessie 165046	D	294	Oct	390.2	5.40	21.07	6505.6	308.46
†Mixter White Rose 124239	A	290	Oct	302.4	5.67	17.15	6791.7	314.90
†Quaker Boy's Louise 121893	A	162	Aug	803.1	5.10	40.96		
		192	Sept	716.9	4.80	34.41		
		223	Oct	711.3	5.30	37.70	6998.3	335.95
†Ultra Delta 117448	A	140	Oct	609.9	4.87	29.70	4076.4	181.40
Dudley, C. E. & Son, Cato, N. Y.								
†Panetta of Wyndy Knoll 186300	E	259	Oct	579.9	5.13	29.75	6732.8	316.72

Eberlein, F. A. & M. G., Wildwood Farm, Shawano, Wis.

†Girlie's Louette 205941	F	11	Aug	334.3	4.11	13.74		
		41	Sept	982.3	4.11	40.37	1316.6	54.11
s. Penwyn Jay of Homestead 50517 A. R.		d. Venus' Girlie of Wildwood 100088						

Eberlein, M. G., Wildwood Farm, Shawano, Wis.

Butter Queen's Beauty 189218	E	165	Sept	843.1	5.70	48.06	5738.5	300.46
†Tess Twila of Wildwood 192829	E	61	Sept	765.1	6.30	48.20	1593.9	93.54

Emerson, I. E., Brooklandwood Farms, Brooklandville, Md.

Brooklandwood Anna May 207956	G	111	Oct	817.6	5.42	44.31	2915.5	156.40
Brooklandwood Bon Bon 124580	A	240	Oct	1029.3	5.23	53.83	9602.2	478.34
Broodlandwood Gay Lady 147670	A	214	Oct	1042.8	4.54	47.34	9228.5	403.65
Brooklandwood Holly 207374	G	169	Oct	694.6	6.29	43.69	4216.9	227.79
Brooklandwood May Queen 106746	A	299	Oct	930.3	4.66	43.35	12558.2	504.16
Brooklandwood Queen of the May 166025	C	292	Oct	307.1	5.12	15.72	7410.7	336.92
Cynthia of Glenmore 166453	C	204	Oct	931.7	4.78	44.54	7671.8	356.60
Excellence's Milkmaid 202036	G	168	Oct	807.9	5.78	46.70	4864.4	241.01
Jessamine of Holly 158831	B	105	Oct	981.9	5.44	53.42	3679.5	185.56
Jessie's Juanitta 195439	G	271	Oct	860.1	6.56	56.42	8630.3	485.25
Redpath's Janette 204921	G	143	Oct	739.4	5.63	41.63	3585.5	185.27
Sharon's Golden Rose 155129	B	205	Oct	936.6	5.60	52.45	7675.5	366.00

Endicott, John, "Brookwood," Birmingham, Mich.

Alice of Lone Pine 145856	B	341	Sept	826.0	5.23	43.20		
		365	Oct	604.0	6.16	37.21	12022.0	616.3
Brookwood Belle of the Ball 168310	D	197	Sept	824.5	4.81	39.66		
		228	Oct	693.5	5.16	35.78	7422.8	359.63
Brookwood Florence 162001	D	347	Sept	675.4	5.77	38.97		
		365	Oct	345.2	5.77	19.92	10072.3	526.4
Brookwood Josephine 194668	G	252	Sept	631.4	4.83	30.50		
		283	Oct	623.7	5.37	33.49	7009.8	330.07
Brookwood Peony 188209	G	325	Sept	609.7	4.57	27.86		
		356	Oct	577.9	4.65	26.87	8481.4	380.34
Danny's Malinda of Fern-Dell 156784	C	274	Sept	724.1	4.45	32.22		
		305	Oct	684.6	4.96	33.96	8610.1	417.47
Doris Vrangue of Lone Elm 103909	A	354	Sept	715.5	5.01	35.85		
		365	Oct	241.8	5.01	12.11	11490.5	583.6
Ellene of Bon Ayre 106973	A	28	Oct	893.2	4.44	39.66		
s. Joe of Plum Grove 43049		d. Hattie of Brush Creek 55083 A. R. 9761						
Royal's Gerar Girl of Fern-Dell 178514	F	365	Aug	531.0	4.74	25.17	9512.1	450.5

Erf, William, Chestnut Ridge Farm, Bellevue, Ohio.

Chestnut Ridge Iona Jennie 213143	G	95	Oct	866.7	4.05	35.10	2790.6	121.34
†Chestnut Ridge Lady Princess 182236	E	283	Oct	191.7	5.10	9.78	6116.7	294.59
†Chestnut Ridge Princess Bessie 206197	G	159	Oct	667.8	4.96	33.12	4266.8	179.61
Iona Jane of Chestnut Ridge 120009	A	262	Oct	551.8	4.72	26.04	7777.8	358.72
†Katy's Trixie of Chestnut Ridge 136703	A	305	Oct	307.3	6.64	20.40	10591.4	549.8

Fell, A. J., Lansdale, Pa.

Abbeyleix Estelle 125681	A	284	Oct	1062.2	5.75	61.08	11420.0	584.05
Abbeyleix Lucy 154506	C	260	Oct	1057.9	5.34	56.49	10650.5	492.29
†Daylo Star-tide 193694	F	167	Oct	819.3	6.32	51.78	5323.0	269.42
Daylo Yule-tide's Maid 170981	D	270	Oct	722.9	6.40	46.27	8111.3	426.74

Fischer, L. C., Oak Terrace Farm, Dunwoody, Ga.

Amanta Gele 132657	A	246	Oct	910.2	5.42	49.33	10993.3	505.08
Annie Laurie of Rest Hollow 116093	A	146	Oct	1408.5	4.07	57.33	7862.0	326.50
Chedda's Ellen of Freeman's Farms 187707	D	265	Oct	445.7	5.62	25.05	6942.2	322.94
*Floridale Rose May 166558	B	30	Sept	1237.5	5.41	66.95		
		61	Oct	1222.2	5.21	63.68	2459.7	130.63
s. Merry May King 50285 A. R.		d. Floridale May Rose 87330 A. R. 10282						
Josepha of Plumtree 181933	B	209	Oct	896.4	4.68	41.95	7613.7	345.71
Lily of Melrose Meadows 154566	A	30	Sept	1345.0	3.52	47.34		
		61	Oct	1173.4	4.34	50.93	2518.4	98.27
s. Brookmead's Search Light 62912 A. R.		d. White Hope Lily 95175						
Miss Tower Crossways 184722	B	274	Oct	810.4	5.00	40.52	8645.3	400.22

Fisher, William A., Overlook Farm, Rochester, Mich.

Elm Row Mayflower 202510	D	298	Sept	629.3	5.45	34.30		
		329	Oct	523.5	5.15	26.96	9922.7	506.93
Fisher's Primrose of Overlook Farm 203959	G	165	Sept	643.3	5.01	32.23		
		196	Oct	594.4	5.00	29.72	4744.7	244.24
*Gilmore's Anna Bell 163640	B	17	Aug	536.5	4.55	24.41		
		47	Sept	1205.7	4.73	57.03		
		78	Oct	1173.0	4.36	51.14	2915.2	132.58
s. Kingpa of Briarbank 66281 A. R.		d. Gilmore's Alice 131127						
Missaukee Doris 166197	C	183	Sept	651.4	5.06	32.96		
		214	Oct	637.7	4.97	31.69	5401.8	276.15
Missaukee Julia 140366	A	193	Sept	961.2	4.84	46.52		
		224	Oct	940.4	4.61	43.35	10326.4	496.53
Missaukee June Daisy 155760	B	249	Sept	572.8	5.17	29.61		
		280	Oct	498.3	5.36	26.71	9567.6	466.96
Missaukee Princess 135674	A	317	Sept	875.4	3.94	34.49		
		348	Oct	842.8	3.56	30.00	14937.6	616.13
Oakwood Levity 223206	G	345	Sept	630.1	5.05	31.82		
		365	Oct	275.5	5.05	13.91	9634.8	447.5
Pekoe of Junipers 194058	G	339	Sept	707.3	4.75	33.60		
		365	Oct	585.6	4.75	27.82	9201.1	430.8

Royal Maid of Bon Ayre 127612	A	143	Aug	1008.9	5.90	59.53		
		173	Sept	907.9	4.90	44.49		
		204	Oct	818.0	4.78	39.10	7146.9	354.57
Sylvia of Sylvan Dale Farm 163232	D	340	Sept	616.4	5.02	30.94		
		365	Oct	522.6	5.02	26.23	10031.3	494.5
Wil-Holm Bonnie 196438	G	349	Sept	391.4	5.32	20.82		
		365	Oct	184.4	5.32	9.81	7917.6	404.8
Forney, Alfred W., Long View Farms, Allison Park, Pa.								
Imp. Dorothy of St. George's 239233	F	265	Oct	689.6	5.54	38.20	6801.6	342.83
Majestic France 167868	C	227	Oct	785.8	4.57	35.91	8036.1	373.87
Fox, F. E., Waukesha, Wis.								
Aviator's Sunshine Maid 149309	A	153	Oct	730.3	5.82	42.50	4096.8	182.63
Bonny's Ruth 101445	A	166	Oct	472.7	4.97	23.49	3865.5	174.97
Golden Drop's Jewel of Maple Heights 199869	G	322	Oct	535.0	5.68	30.39	7038.2	366.87
Itchen's Sensation of Ames 157772	A	147	Oct	541.2	4.23	22.89	3703.7	159.13
King's Foam Flower 216796	G	19	Sept	466.6	3.88	18.10		
		50	Oct	799.4	3.88	31.02	1266.0	49.12
s. Imp. Itchen May King 25174 A. R.		d. Aviator's Jewel of Waukesha 111859 A. R. 15118						
Knight's Clarabelle of Arlymear 218108	G	112	Oct	666.4	5.10	33.99	2428.9	101.57
Knight's La Bell of Arlymear 217370	G	211	Oct	775.2	4.58	35.50	5835.9	236.03
Miss Queen O. K. 4th 111825	A	256	Sept	614.0	5.24	32.17		
		287	Oct	564.1	5.89	33.23	7450.3	390.46
Sailor's Serene of Arlymear 214994	B	175	Oct	792.2	6.25	49.51	4991.0	254.19
Ultra Lady of Elderwood 159157	B	223	Oct	667.0	5.86	39.67	6156.5	301.36
France, Joseph I., Mount Ararat Farm, Port Deposit, Md.								
Bessie B. 2d 97249	A	130	Oct	752.1	4.94	37.15	3562.9	164.82
Carlina of Green Gables 198430	G	340	Sept	588.4	5.30	31.19		
		365	Oct	440.7	5.30	23.36	8305.0	419.6
Emily of Elkview 180242	E	349	Oct	477.6	6.50	31.04	8239.6	458.84
Golden Maid Line 104356	A	231	Oct	648.2	5.23	33.90	6691.7	294.68
Minervine of Walnut Grove 187135	F	365	Oct	493.4	5.59	27.58	8319.0	423.5
†Penrod's Golden Flo of Darley 208961	G	201	Oct	611.8	5.92	36.22	5314.2	261.64
Polly of Pennbrook 168396	C	130	Oct	655.0	5.17	33.86	3637.5	171.93
Willow'S Trophy 204743	G	216	Oct	533.0	5.99	31.93	4881.1	239.08
Fuller, J. W., Willow Brook Farm, Catasauqua, Pa.								
Highland Winsome 178444	D	162	Oct	927.6	4.73	43.88	5805.9	249.99
Little Emily of Willow Brook 141428	B	326	Sept	384.4	5.14	19.76		
		356	Oct	147.9	6.17	9.13	7942.4	396.8
†Sequel's Anna 68177	A	205	Oct	1038.9	5.28	54.85	8765.5	417.57
Gary, Elbert H., Mrs., Ivy Hall Farm, Jericho, N. Y.								
†Columbine of Ivy Hall 206931	G	254	Oct	629.8	4.62	29.10	6081.1	273.03
†Imp. Dora III. of Felcomte 150691	A	207	Oct	840.9	4.94	41.54	8342.1	389.96
†Ivy Hall Marigold 219309	G	17	Sept	383.8	4.65	17.85		
		48	Oct	826.6	4.65	38.44	1210.4	56.29
s. Pete of Ring Leader 102558		d. Maridora of Na-da-wis 57919 A. R. 18415						
†Model Daisy of Ivy Hall 206930	G	264	Oct	672.2	5.08	34.15	6596.1	320.99
Gates, R. D., Walnut Glens Farm, Chardon, Ohio.								
Nellie's France of Walnut Glens 5th 153767	B	358	Sept	703.4	4.79	33.69		
		365	Oct	148.8	4.79	7.13	12518.7	549.2
Gayoso Farm, Horn Lake, Miss.								
Express Roberta of Gayoso 125436	A	176	Oct	975.8	6.14	59.91	7294.7	397.95
Gayoso May Rose Brightness 201736	F	7	Aug	254.3	4.38	11.14		
		37	Sept	1108.0	4.45	49.31		
		68	Oct	1099.7	4.83	53.12	2462.0	113.57
s. King Bright of Glenburnie 38395 A. R.		d. Princess May Rose of Warren 90368 A. R. 15799						
Gayoso Ranger's Sunshine 185736	E	161	Oct	941.1	5.54	52.14	5674.6	288.57
Gayoso Vivian's Inspiration 155470	B	145	Oct	860.8	5.70	49.07	4953.8	261.42
Meadowood's Foremost Virginia 177301	E	208	Oct	899.2	4.97	44.69	7329.5	356.43
*Nan of Killarney Farms 135290	A	7	Aug	250.4	4.74	11.87		
		37	Sept	1254.2	5.48	68.73		
		68	Oct	1119.5	5.79	64.82	2624.1	145.42
s. Mr. Dooley of Killarney Farms 64484		d. Sweet Mamie of Killarney Farms 100024 A. R. 13193						
Geurkink, Alvin, River Falls, Wis.								
St. Croix Audrey 124736	A	194	Sept	900.5	5.44	48.99	7445.5	357.71
Gilbert, C. T. & Sons, Waldo Hills Guernsey Farm, Shaw, Oregon.								
Cinderella of Waldo Hills 189802	E	130	Oct	1111.7	4.91	54.58	5176.8	234.96
Duke's Salina 184582	E	271	Oct	836.5	5.40	45.17	10286.5	473.70
Mayflower's Milk-maid of Waldo Hills 181125	E	274	Oct	465.4	5.66	26.34	7278.5	382.10
Princess Mayflower 45481	A	254	Oct	640.9	5.65	36.21	6723.8	367.71
Waldo Hills Dora 110421	A	230	Sept	721.2	4.77	34.40		
		261	Oct	792.9	5.10	40.44	7783.3	353.41
Govone, P. & Sons, Mt. Pleasant Farm, Sandwich, Mass.								
Atamannsit Harmony 190022	F	225	Oct	796.1	5.62	44.74	6736.1	360.14
Greissell, John, Flint, Mich.								
†Betty of Maple Ridge Farm 173976	C	83	Oct	842.1	4.96	41.77	2739.8	124.83
†Sister Sue of Oronoko 146993	A	164	Sept	959.0	5.74	55.05		
		195	Oct	834.4	5.49	45.81	7177.9	333.45
Grinnell, Rose, Locust Valley Farm, Exeter, R. I.								
Imp. Honoria of Locust Valley 152787	B	92	Oct	880.7	5.16	45.44	2863.0	131.73
Locust Valley Content 197517	G	231	Oct	506.0	5.70	28.84	4630.4	257.35

Grinnell, Russell, Jr., Locust Valley Farm, Exeter, R. I.

Imp. Juno of Locust Valley 153500	A	99	Oct	878.5	4.50	39.53	2944.2	124.94
Locust Valley Bab 193373	G	277	Oct	606.1	5.13	31.09	5459.1	263.48
Locust Valley Fay 186482	F	170	Sept	787.0	6.48	51.00		
		201	Oct	757.8	6.33	47.97	5843.2	333.06
Locust Valley Janie 193372	G	292	Oct	747.6	4.50	33.64	7368.2	321.33
Locust Valley Nud 196596	F	61	Oct	1012.9	4.54	45.99	1964.0	91.55
Locust Valley Rosalie 206860	G	109	Oct	675.8	5.30	35.82	2490.8	116.41

Guggenheim, S. R., Trillora Farms, Port Washington, N. Y.

†Imp. Governess of the Valley 201434	B	191	Oct	1010.6	4.29	43.35	7470.1	327.49
*†Imp. Lucy of Fermain 192399	A	30	Sept	1082.7	3.90	42.23		
		61	Oct	1019.1	3.84	39.13	2101.8	81.36
s. Hunguets de Bas Hope R. G. A. S. 4410 P. S.			d. Clara of Havilland Vineries R. G. A. S. 4975 F. S.					
*†Imp. Weymouth's Poundstock 192391	A	25	Sept	943.4	3.99	37.64		
		56	Oct	1119.5	3.99	44.67	2062.9	82.31
s. Arthur's Poundstock of the Isles R. G. A. S. 3673 P. S. A. R.			d. Daisy's Pride R. G. A. S. 9460 P. S.					

Gurnett, Daniel W., Clearing Farm, Kingston, Mass.

Flora of Stannox 177464	A	90	Sept	809.5	6.28	50.84		
		121	Oct	686.7	6.27	43.06	3323.3	191.77

Gurnett, Mary E., Clearing Farm, Kingston, Mass.

Atamannsit Jonquil 168872	E	296	Oct	529.7	6.18	32.74	10210.5	565.91
Bertha of Oakland 132528	A	193	Oct	984.4	4.70	46.27	8086.8	356.17
Nina of Lombardy 241767	D	64	Oct	990.1	4.54	44.95	2169.6	98.50
Princess Primrose of Griffwood 200864	G	267	Oct	687.7	6.41	44.08	7131.4	410.36
*†Upland's Mildred 99971	A	4	Sept	127.8	4.55	5.81		
		35	Oct	1146.4	4.55	52.16	1274.2	57.97
s. Langwater Cavalier 21012 A. R.			d. Imp. Georgette of Edgemoor 58901 A. R. 10062					

Hach, Walter F., Mr. & Mrs., Waltona Farm, Medina, Ohio.

Fleurie's Lucia of Elgercon 156935	B	101	Oct	655.5	4.94	32.38	2579.6	126.42
Lassie of Waltona 196358	E	101	Oct	1016.9	4.34	44.13	3675.9	166.96

Hall, Gordon, Osceola Farms, Cranford, N. J.

†Imp. Clara's Flo of King's Mills 239213	A	56	Oct	1107.0	4.08	45.17	1910.3	82.52
†Imp. Muiresten's May Queen II. 248925	C	72	Oct	993.5	4.57	45.40	2401.1	105.30
†Imp. Ringdale III. of La Mare 248923	C	153	Oct	654.8	5.61	36.73	4403.4	250.65

Hang, John V., Meadow Brook Farm, Canton, Ohio.

Chene's Golden Star of Meadowbrook Farm 202087	G	270	Oct	578.8	6.80	39.36	5998.1	369.03
Goldseeker's May 158579	C	348	Oct	765.9	5.70	43.66	11180.8	610.78
Ruby of Valley Home 207155	G	271	Oct	335.6	6.95	23.32	5685.3	338.61

Hanna, J. C., Stump Hollow Farms, Mentor, Ohio.

Midget of Shady Lawn Guernsey Farm 114909	A	365	Oct	582.8	5.57	32.46	10675.3	566.6

Hanna, J. C., Mrs., Stump Hollow Farms, Mentor, Ohio.

Imp. Flora Bella of Mara Alva 83890	A	278	Oct	813.9	4.55	37.03	10296.7	476.43
Lassie's Jewel of Candota Farm 145760	A	228	Oct	729.4	4.65	33.92	8735.3	386.07
Nelly's Emerita of A. D. F. 117360	A	86	Oct	1096.7	4.27	46.83	3307.9	139.48
Pet's Doris of Sugar Grove 175850	A	353	Oct	1161.3	4.53	52.61	16007.7	734.37

Harmon, F. S., Tom-a-Hawk Farms, Burton, Ohio.

Florene of Shady Lawn Guernsey Farm 207195	G	223	Oct	697.1	5.65	39.39	5101.1	263.98
Warrior's Highland Lassie 179985	E	223	Oct	731.4	6.30	46.08	6902.3	371.69
White's Search Light Spot 141896	A	223	Oct	636.0	5.66	36.00	5315.3	280.86

Harrington, W. E., Otter Lake Farm, Hutchinson, Minn.

†Birchwood's Auburn 106743	A	48	Oct	1625.3	4.05	65.82	2447.4	105.69
†Cherub's Alberta of Otter Lake 197427	E	21	Sept	711.2	5.15	36.63		
		52	Oct	1039.5	5.21	54.16	1750.7	90.79
s. Cherub's Anchor of Shorewood 58821 A. R.			d. Birchwood's Auburn 106743					
†Cherub's Auburnette of Otter Lake 178925	C	21	Sept	765.3	4.95	37.88		
		52	Oct	1091.7	4.48	48.91	1857.0	86.79
s. Cherub's Anchor of Shorewood 58821 A. R.			d. Birchwood's Auburn 106743					
†Dairymaid's Ruby of Fairy Falls 124157	A	61	Oct	975.8	5.69	55.52	1970.3	113.20
†Princess' Pet of Otter Lake 152199	A	61	Oct	979.6	5.14	50.35	2139.8	108.48

Harville, Thomas, Goodrich Farm, Macedonia, Ohio.

Royal's Lass 97445	A	202	Oct	953.9	4.77	45.50	8806.2	401.08

Hendee, George M., Hilltop Farm, Suffield, Conn.

Hilltop Belle of Fashion 188739	E	17	Sept	640.9	5.06	32.43		
		48	Oct	1164.8	5.06	58.94	1805.7	92.27
s. Primrose's Golden Fashion of Flying Hill 74433 A. R.			d. Edgemoor Beauty's Annabelle 93559 A. R. 12769					
Imp. Hilltop Butterfat's Honeymoon 175176	E	341	Oct	783.1	6.25	48.94	10273.4	614.66
Imp. Hiltop Butterfat's Violet 175172	D	365	Oct	203.3	5.77	11.73	11168.7	602.0
Hilltop Fashion Fanny 194914	F	238	Oct	827.5	6.12	50.64	7067.1	391.47
Imp. Hilltop May Rose 205965	G	14	Sept	476.8	4.26	20.31		
		45	Oct	1129.2	4.26	48.10	1606.0	68.41
s. May Rose Lad of the Spurs R. G. A. S. 4575 P. S. A. R.			d. Imp. Anna III. of the Echelle 201430					
Imp. Hilltop Rita 253772	F	21	Aug	749.6	4.50	33.73		
		51	Sept	1099.3	4.17	45.84		
		82	Oct	1094.4	4.49	49.14	2943.3	128.71
s. Imp. Sailor Lad V. of the Fontaines 123257 A. R.			d. Buttercup of Simon's Lane III. R. A. A. S. 2300 P. S.					
Hilltop Rosebud of Fashion 194915	G	279	Oct	1018.8	5.29	53.89	10194.5	485.32
†Imp. Hilltop's Favorite 182230	D	228	Oct	947.2	5.90	55.88	9527.7	474.63
Hilltop's Queen of Fashion 174416	E	160	Oct	840.7	6.21	52.21	5336.9	298.04

Hill, William T., Reno Guernsey Farm, Whittemore, Mich.								
Daisy of Walter Phipps Farm 137654	A	260	Oct	575.9	4.23	24.36	8141.5	345.41
Holbeck's Nordland Belle 145429	A	85	Oct	1395.0	4.37	60.96	3570.1	159.06
Judy of Walter Phipps Farm 137657	A	163	Oct	929.1	4.11	38.19	5992.7	256.01
Horneman, H. C., "Kenfleur," Danville, Ill.								
†Bessie's Beauty of Marigold Farm 164309	B	141	Sept	805.2	5.27	42.43		
		172	Oct	815.2	5.51	44.92	5494.1	282.34
Kenfleur's May King Aline 207908	G	365	Oct	144.3	5.42	7.82	11456.4	557.5
†Kenfleur's May King Judith 190316	G	305	Oct	448.4	6.20	27.80	6592.0	381.0
Kenfleur's May King Orinda 207909	G	141	Sept	659.1	4.42	29.13		
		172	Oct	727.7	4.93	35.88	4570.4	199.73
May Rose Luetta of Minot 89974	A	88	Sept	1291.7	4.82	62.26		
		119	Oct	1314.7	4.29	56.40	5233.8	215.53
Pergue's May Beda 118194	A	365	Oct	613.1	4.95	30.35	15155.3	678.4
Pergue's Miss Crescent 151378	A	238	Oct	1313.6	4.49	58.98	13325.8	567.94
Horton, E. E. & Son, Johnson City, N. Y.								
Linda of Glennfield Springs 131980	A	365	Oct	752.5	5.92	44.55	13521.6	678.6
Houghton, Clement S., Stannox Farm, East Holliston, Mass.								
Diana of Stannox 176841	A	293	Oct	557.8	6.84	38.15	8033.8	461.34
Gipinda of Stannox 2d 165113	A	100	Oct	719.1	5.54	39.84	2716.0	156.63
Prudence of Stannox 165116	A	116	Oct	766.9	5.30	40.65	3256.9	173.84
Hovey, Charles, Waterloo, Iowa.								
Jeanette Blossom of the Prairie 206404	G	158	Oct	885.8	5.17	45.80	4499.1	210.14
Lucy of Linwood 126002	A	245	Oct	1226.1	4.14	50.76	13454.6	513.27
Mignot Clarissa of Tilden Farms 177505	D	242	Oct	1075.3	5.03	54.09	10517.3	463.87
Raider's Golden Lily of Roberts 162575	C	279	Oct	782.5	5.33	41.71	9216.6	486.85
Howard Bros., Hygiene, Colo.								
Columbine Queen 99354	A	253	Oct	918.3	4.37	40.13	10719.9	447.08
Huger, Alfred, Dorchester Farms, Summerville, S. C.								
Coker Foremost Primrose 196393	G	265	Oct	724.8	4.65	33.70	8464.1	367.59
Coker Glorious Queen 177326	E	288	Oct	661.7	5.08	33.61	7842.3	355.38
Coker Golden Dianthus 177324	F	336	Oct	484.3	6.19	29.98	8432.2	449.82
Coker Pink Lady 196067	G	288	Oct	650.8	4.90	31.89	7502.0	342.36
Inman, Willie Lee, Leesburg, Va.								
Janette of Big 125637	A	180	Oct	1055.2	3.98	42.00	6510.1	255.60
Lady Mayfair of Big Spring Farm 187645	C	117	Oct	1074.5	4.65	49.96	4362.2	199.93
Jackson, Champ, Mrs., Riverside Farm, Uniontown, Ohio.								
Itchen's Marigold of Riverside 255282	F	31	Oct	960.7	4.34	41.69		
s. King Chene's King Itchen 94267	d. King's Elsie of Riverside 158240 A. R. 19441							
James, Arthur Curtiss, Beacon Hill Farm, Newport, R. I.								
†Beacon Hill Betty 197831	G	109	Oct	817.0	4.29	35.05	2903.2	124.55
†Beacon Hill Elegance 174245	D	200	Oct	785.3	5.35	42.01	5669.9	285.44
†Beacon Hill Gardenia 163281	C	13	Sept	356.2	4.72	16.81		
		44	Oct	859.6	4.72	40.57	1215.8	57.38
s. Langwater Elegant 60163 A. R.	d. Raider Rose 55247 A. R. 6665							
Johnson, A. O., Buckley, Wash.								
†Lady Alla of Rainier View 163434	B	83	Oct	946.9	5.61	53.12	2734.0	146.95
Josey, B. S., Lydia, S. C.								
Sequel's Hattie of Riverside 132531	A	332	Sept	428.0	6.91	29.57		
		359	Oct	231.2	6.75	15.61	10638.6	569.7
Kelley, Elizabeth V., Chestnut Farms, Walkersville, Md.								
Bay Cliffs Cherub Betsy 210359	G	238	Oct	457.2	5.60	25.60	4709.1	239.13
Glenchester Maggie 2d 211553	G	249	Oct	672.5	5.14	34.57	6705.8	333.20
Rosie of Oakland Farm 168404	C	82	Oct	1135.2	4.38	49.72	3241.1	151.98
Kelley, John P., Chestnut Farms, Walkersville, Md.								
Glenchester Ultra Chena 181031	E	255	Oct	349.0	5.66	19.75	4908.2	249.90
Kennel, A. M., Honey Brook Manor Farm, Honey Brook, Pa.								
†Cavalier's Lucy of Highland View 107500	A	238	Oct	774.1	5.50	42.58	7767.0	396.43
†Helen of Pomeroy 174976	D	241	Oct	468.5	5.79	27.13	5498.2	275.50
Mable of Highland View 103571	A	312	Oct	824.4	5.24	43.20	11553.4	553.20
Kirk, Charles M., Mrs., Hay Valley Ranch, Monument, Colo.								
Laurneer of Alta Vista 153680	B	233	Oct	704.7	4.55	32.06	6630.5	295.75
Knight, C. Prescott, Greyholme Farm, River Point, R. I.								
Appletree Point's Deanie 115393	A	104	Oct	930.8	5.46	50.82	3550.8	161.89
†Appletree Point's Peerless Antoinette 107014	A	214	Oct	1302.9	4.24	55.24	10707.8	448.43
Chieftain's May Rose of Oaks Farm 127951	A	320	Oct	788.9	5.66	44.65	9848.5	526.58
Imp. Doreen of Hougue du Pommier 140245	A	345	Oct	691.3	4.85	33.53	11287.9	509.80
Falcon's Juanita 133077	A	182	Oct	726.8	5.67	41.21	6150.3	298.47
Imp. Fancy of the Jaonnets 192390	A	245	Oct	828.5	5.90	48.88	7297.5	382.94
Imp. Flossy of the Canus 140255	A	365	Oct	113.7	6.12	6.96	11841.7	610.9
Imp. Foxburg's Dairy Kit 144960	A	211	Oct	1231.1	4.43	54.54	9190.8	370.25
Greyholme's Chieftain's Marvina 171582	E	365	Oct	439.2	5.35	23.50	12943.1	698.4
Greyholme's Queen 187711	F	178	Oct	774.1	5.40	41.80	4738.5	241.74
Greyholme's Rose Queen 170081	C	30	Sept	1195.3	4.67	55.82		
		61	Oct	1162.8	4.87	56.63	2358.1	112.45
s. Imp. Bickleigh Chieftain V. 91011	d. Follyland Rose Queen 56668 A. R. 10090							
Imp. Lavender III. of Les Quartiers 143233	A	365	Oct	464.1	6.68	31.00	12611.9	739.0

Imp. Osceola Gem's Beauty 150681	A	353	Oct	44.0	5.93	2.61	10650.8	531.5
Imp. Woodland's Duchess of Osceola 193351	E	245	Oct	920.0	5.58	51.34	8054.7	415.14
Krebs, H. J., Breidablik Farm, Wilmington, Del.								
Breidablik Annette 136559	A	165	Oct	1023.7	4.73	48.42	6065.9	278.08
Breidablik Lillian 134825	A	202	Oct	992.0	4.93	48.91	7191.6	329.52
Breidablik Varinka 203772	G	271	Oct	884.9	5.30	46.90	9025.9	452.79
Esther Shockley 134830	A	305	Oct	817.4	4.70	38.42	11358.7	495.72
Flora of Hillbrook 182254	E	242	Oct	819.7	4.57	37.46	8694.7	370.62
Frances of Breidablik 170078	D	298	Oct	818.8	4.33	35.45	10166.9	419.56
Gerar Susan Chene 107072	A	110	Sept	976.7	5.09	49.71		
		141	Oct	884.1	4.40	38.90	4840.1	202.61
Ida of Breidablik 134829	A	74	Oct	1104.2	4.30	47.48	2647.4	112.08
Magina of Breidablik 129545	A	316	Oct	803.5	5.21	41.86	10763.0	518.52
Mixter Royal Ella 179890	E	348	Sept	924.1	5.02	46.39		
		365	Oct	451.8	5.02	22.68	13704.7	582.1
Noanette of Delaware 185684	E	264	Oct	852.6	4.83	41.18	9734.3	451.26
Nonpareil's Dame of Breidablik 209769	G	74	Oct	1016.5	4.33	44.01	2484.2	105.64
Nonpareil's Giddy Daughter 199367	G	284	Oct	664.5	5.50	36.55	7761.7	396.10
Nonpareil's Glory of Breidablik 209770	G	23	Sept	578.5	4.51	26.09		
		54	Oct	791.2	4.66	36.87	1369.7	62.96
s. Cherub's Nonpareil of the Prairie 91157 A. R.			d. Glory's Rosemont 165132					
Nonpareil's Ideal of Breidablik 199366	G	278	Oct	748.0	4.69	35.08	7755.2	374.00
Nonpareil's Luxury of Breidablik 199362	F	69	Oct	807.0	4.49	36.23	1882.2	84.41
Nonpareil's Rosamond of Breidablik 199239	G	308	Oct	729.3	5.43	39.60	9363.4	455.79
Pinehurst Mayetta 81398	A	333	Oct	886.0	4.77	42.26	13187.1	558.67
Rockingham Marguerite 196236	C	229	Oct	1093.4	4.47	48.87	10361.4	476.92
Successor's Eiletta 143614	A	112	Oct	990.6	4.54	44.97	3839.3	158.32
Susan Chene of Breidablik 165133	D	314	Oct	861.3	4.36	37.55	10789.9	485.02
Twin Light of Breidablik 165138	D	351	Oct	857.9	5.20	44.61	12688.0	616.22
Twin Star of Breidablik 165137	D	321	Oct	880.0	5.14	45.23	11523.6	530.25
Yarico of Breidablik 151795	B	277	Oct	1050.7	4.47	46.97	11521.5	496.35
Lambert, C. E. & Sons, Guernsey Stock Farm, Linwood, Mich.								
Lambert's Opal 214253	G	305	Oct	588.9	4.79	28.21	6641.3	322.97
†Lambert's Rose of Fraser 210477	G	220	Oct	791.0	4.40	34.80	5970.6	270.42
Laney, J. H. & Son, Oak Knoll Farm, Dousman, Wis.								
Badger's Beauty of Oak Knoll 182298	E	274	Sept	337.9	5.35	18.08		
		305	Oct	242.8	5.57	13.52	6116.7	293.71
Champion's Bluebell of Oak Knoll 153200	B	325	Sept	284.7	6.07	17.28		
		345	Oct	75.7	6.07	4.59	7110.0	406.4
Champion's Rosie of Oak Knoll 153201	B	257	Sept	483.5	5.47	26.45		
		288	Oct	412.8	5.27	21.75	7935.7	383.42
Governess Beauty Girl 161959	C	237	Sept	586.1	5.60	32.82		
		268	Oct	544.8	5.71	31.11	7053.5	353.62
Lapham, Henry G., Cramond Farm, Brookline, Mass.								
Cramond Cleopatra 176300	C	17	Oct	431.8	4.08	17.62		
s. Cramond Achilles 77606			d. Cramond Augusta 83632 A. R. 10047					
Cramond Diana 116559	A	138	Oct	686.2	6.12	42.00	3694.3	204.17
Cramond Easter Lily 217427	G	23	Oct	518.6	4.15	21.52		
s. Cramond Maximus 105558			d. Imp. Langwater Lilian 97978 A. R. 12568					
Cramond Lilian 189801	G	336	Oct	525.0	6.10	32.03	7531.5	374.41
Cramond Sophia 138572	A	317	Oct	626.4	5.31	33.26	8761.9	408.27
Larsen, Wm., Canning Co., Larsen's Fern-Dell Guernsey Farms, Oneida, Wis.								
Best Girl's Pearl 174974	D	187	May	446.6	5.00	22.33	6064.5	297.50
Danny's Rose of Fern-Dell 174955	E	101	May	539.8	5.14	27.75	3570.9	179.63
Golden Combination of Mondamin 85992	A	155	May	918.2	4.30	39.48	8932.7	337.58
Golden Girl of Blowmedown 138487	A	159	May	665.1	4.57	30.40	6129.7	272.38
Holden's Rilma 118670	A	139	May	715.6	4.60	32.92	6740.7	311.87
King's Topsy 132552	A	342	May	533.9	5.54	29.58	11445.3	576.74
Nora of Vanity 134255	A	361	May	299.5	6.05	18.12	10274.4	533.1
Proud Judith of Echo Glade 154662	A	194	May	575.9	5.48	31.56	7024.0	354.21
Royal's Golden Beauty of Fern-Dell 178515	F	195	Apr	525.7	5.04	26.50		
		217	May	506.9	5.20	26.36	6533.3	311.18
Silvie of Fern-Dell 147085	A	130	May	663.7	5.49	36.44	5080.4	265.38
Learnard, George E., Beausite Farm, Greenwich, Conn.								
*Imp. Arvor Triumph of Courtil Jardin 207116	D	25	Oct	805.5	5.31	42.77		
s. Froome's Victor II. R. G. A. S. 4809 P. S.			d. Triumph II. of Diamond Farm R. G. A. S. 23171 P. S.					
*Imp. Beauty's Valentine 207108	C	24	Sept	1240.9	3.85	47.77		
		55	Oct	1632.4	4.44	72.48	2873.3	120.25
s. Imp. Coventry Valentine's Honour 104965 A. R.			d. Levonia's Beauty of Grand Fort III. R. G. A. S. 18870 P.S.					
Bessy of Beausite Farm 193878	C	328	Oct	823.2	6.16	50.71	12172.1	680.07
Imp. Bickleigh Butterfly 216057	A	365	Oct	108.3	5.02	5.44	15898.9	721.5
Imp. Bickleigh Butterfly II. 253780	F	22	Sept	914.6	4.43	40.52		
		53	Oct	1153.1	4.43	51.08	2067.7	91.60
s. Imp. Bickleigh Nobleman 110902 A. R.			d. Imp. Bickleigh Butterfly 216057					
Imp. Cobo Cherry of Beausite 228614	A	110	Oct	1175.2	4.62	54.29	4770.8	206.11
Imp. Cyrene des Annevilles II. 253779	F	165	Oct	853.9	4.90	41.84	5680.7	260.84
Imp. Dairy Queen of Beausite 228610	A	193	Oct	1089.4	5.01	54.58	8285.0	371.22
Imp. Lady VII. of Blaye Farm 207072	A	91	Oct	1624.4	4.92	79.92	4813.6	220.66
Imp. Langlois Sweet Maggie II. 207063	A	8	Sept	270.5	4.40	11.90		
		39	Oct	1308.3	4.40	57.57	1578.8	69.47
s. Primrose's Brilliant of the Gree R. G. A. S. 3790 P. S. A. R.			d. Imp. Sweet Maggie IV. 94688					
Imp. Maid's Beauty of New Anneville 253781	G	177	Oct	788.5	5.06	39.90	5639.2	281.33
Imp. Rosebriar of Beausite 228615	A	175	Oct	954.9	5.08	48.51	8098.1	388.68

*Tessie of Beausite Farm 193877	A	21	Sept	918.1	4.60	42.23		
		52	Oct	1360.3	4.60	62.57	2278.4	104.80
s. Conyers Conqueror 65394 A. R.	d. Bessy Ruskin 81434							
Lehmann, Ernst E., Lindenhurst Farm, Lake Villa, Ill.								
Alberta of Lindenhurst 131444	A	143	Oct	680.5	5.91	40.22	3882.4	198.30
B'Dama of Lindenhurst 148522	A	243	Oct	670.2	6.18	41.42	7160.6	392.65
Beldame's Queen of Lindenhurst 167402	D	328	Oct	303.3	7.18	21.78	7302.8	418.07
Brightness of Lindenhurst 148521	A	129	Oct	941.9	5.43	51.15	4353.8	200.80
C-Car of Lindenhurst 148523	A	214	Oct	836.9	5.68	47.54	7757.1	375.89
*C. P. of Lindenhurst 149157	A	13	Aug	513.0	4.48	22.98		
		43	Sept	1254.3	4.48	56.19		
		74	Oct	1124.8	5.24	58.94	2892.1	138.11
s. Albamont Aristocrat 52950 A. R.	d. Pansy Maid of City View 90944 A. R. 11415							
Cranelene of Lindenhurst 167397	A	30	Sept	778.4	4.48	34.87		
		61	Oct	809.8	4.97	40.25	1588.2	75.12
s. Beldame's May King 74049 A. R.	d. Raider's Nellie Chene of Waddington 87755 A. R. 10746							
Lindenhurst Bonnie May 196478	F	184	Oct	497.0	5.90	29.32	3698.8	188.07
Lindenhurst Crine 185074	E	261	Oct	558.1	7.08	39.51	6018.4	367.27
Lindenhurst Fifi May 207032	G	126	Oct	676.9	5.87	39.73	3249.4	177.00
Lindenhurst King's Pansy 202715	G	99	Oct	766.3	5.44	41.69	2689.9	126.80
May of Lindenhurst 190727	E	115	Oct	712.9	5.30	37.78	2863.9	141.08
Pet of Lindenhurst 103305	A	235	Oct	730.2	5.78	42.21	6620.8	321.81
Liebers, Lawrence E., Lincoln, Nebr.								
Lorenzo's Flora of Pleasant View 168924	C	123	Oct	1180.4	4.84	57.13	5624.0	267.06
Lloyd, Matilda H., "The Maples," Bernardsville, N. J.								
Alyssum of Somerset 135661	A	261	Oct	753.2	4.05	30.50	9441.1	395.62
†Bapticea of Somerset 157955	A	31	Oct	1023.6	4.61	47.19		
s. Uncas of Somerset 69330	d. Anchusa of Somerset 135660							
†Blossom of Somerset 150538	B	118	Aug	673.2	4.85	32.65		
		148	Sept	589.9	4.86	28.67		
		179	Oct	517.2	5.22	27.00	4207.6	205.38
Dorothy Perkins of Somerset 195433	G	355	Sept	539.9	4.56	24.62		
		365	Oct	190.0	4.56	8.66	8781.2	369.4
†Rockingham Poppy 159077	B	236	Sept	745.7	5.27	39.30		
		267	Oct	765.5	4.93	37.74	8186.4	406.39
Loring, A. C., Woodend Farm, Mound, Minn.								
†Alvin's Favorite 173859	D	221	Oct	862.5	5.74	49.51	7212.2	374.83
Golden Lily of the Prairie 163345	C	358	Oct	744.1	5.00	37.21	12300.4	552.35
†Queen's Ultra May Sunbeam 181691	D	135	Oct	744.7	5.07	37.76	3937.7	184.74
Maine, University of, Orono, Maine.								
Creusa's Belle 2d's Favorite 170556	D	123	Oct	1083.9	4.34	47.04	4757.3	220.15
Creusa's Sunbeam 2d 142010	A	282	Oct	491.6	5.27	25.91	7216.4	379.53
Malin, A. J., Ferns Farm, Genoa, Wis.								
Fern Vista Belle 148067	A	224	Oct	949.8	5.44	51.67	8651.0	433.00
Marsh, W. W., Marsh Farms, Waterloo, Iowa.								
Cherigold of the Prairie 161088	B	218	Oct	781.8	5.41	42.30	7080.7	356.73
Cherub's Lily du Preel 206463	G	214	Oct	985.8	4.60	45.35	7257.2	326.08
Golden Blossom of the Prairie 107078	A	248	Oct	1153.7	4.67	53.88	11992.8	545.23
Jonquil of the Prairie 176856	E	332	Oct	646.1	6.24	40.32	8927.2	475.53
Larch Hill's Edna 129385	A	228	Oct	1030.8	4.67	48.14	9210.4	414.09
Larch Hill's Juliet 194654	F	141	Oct	876.7	5.04	44.19	4411.3	195.28
My Jeanette of the Prairie 144889	B	293	Oct	770.0	5.70	43.89	10369.0	485.91
Royalist's Nan of Bonnie Doon 189937	E	8	Aug	285.9	4.12	11.78		
		39	Sept	1065.3	4.12	43.89		
		70	Oct	1067.3	4.57	48.78	2418.5	104.45
s. Shorewood Royalist 85540	d. Dragonette of Lone Pine 100263							
Selma's Cherry of Clover Hill 185792	D	7	Aug	275.0	4.03	11.08		
		37	Sept	1432.9	4.03	57.75		
		68	Oct	1531.3	3.82	58.50	3239.2	127.33
s. Cherry's Warrior of the Prairie 87695 A. R.	d. Glenwood's Selma Princess 47299							
Velma's Verbena 216888	E	193	Oct	1033.0	5.00	51.65	7509.3	371.04
Marshall, Donnell, Laurel Locks Farms, Pottstown, Pa.								
Bess of Shady Lane 88963	A	245	Oct	974.2	5.43	52.90	9627.2	513.69
Grassmere's Beauty 111973	A	259	Sept	581.1	5.22	30.33		
		290	Oct	438.0	5.40	23.65	7936.0	404.47
Monarch's Queen of Cedar Knoll 129660	A	281	Oct	435.9	5.25	22.88	7626.4	394.32
†Noble's Queen of Tartan 172756	D	203	Sept	920.5	4.95	45.56		
		234	Oct	871.6	5.19	45.24	9129.8	443.20
Maryland Agricultural Experiment Station, College Park, Md.								
Governor's Marie 153759	C	363	Oct	277.6	6.16	17.10	7092.6	352.74
Governor's Primrose of Rossbourg 161696	D	305	Oct	372.0	6.94	25.82	7757.7	415.06
Governor's Rosette of Rossbourg 195967	G	223	Oct	613.3	5.05	30.97	5498.2	250.11
Rosette of Rossbourg 126759	A	299	Oct	431.4	5.74	24.76	8687.8	410.31
McCullough, W. M., Orleton Farm, Lexington, Ky.								
Gilded May of Maple Lane Farm 186621	F	310	Oct	492.8	6.19	30.50	7446.6	421.88
Golden Horn's Maud of Maple Lane Farm 188188	F	274	Oct	675.4	5.97	40.32	8752.3	429.58
Milford's Ida May 197113	G	208	Oct	571.8	6.05	34.59	5209.0	272.43
Milford's Itchen Masher 197114	G	184	Oct	955.5	4.77	45.58	7266.1	293.82
Pretty Lucy of Orleton Farm 202948	G	234	Oct	750.0	5.27	39.53	6861.9	325.19

McLoughlin, John E., Bonnie Brae Farm, Clinton, N. Y.								
Bonnie Brae Sunbeam 214157	G	131	Oct	871.6	4.76	41.49	4221.2	183.70
Bonnie Brae Sylvia 214156	G	365	Oct	281.9	4.92	13.87	11432.0	491.7
Daybreak of Bonnie Brae 147792	B	310	Sept	643.0	5.43	34.91		
		341	Oct	581.7	5.74	33.39	10754.1	563.40
Easter Queen of Forest Hill 116948	A	308	Sept	767.9	5.83	44.77	12643.4	624.51
Flintarrow Afterglow 195505	F	26	Aug	740.4	3.97	29.39		
		56	Sept	938.8	4.43	41.59		
		87	Oct	970.8	5.20	50.48	2650.0	121.46
s. Langwater Resolute 93733	d. Imp. Hayes Golden Cherry 16th 67895 A. R. 14989							
Maude of Bonnie Brae 167131	C	112	Oct	1181.9	4.65	54.96	4594.3	192.01
Prue of Bohemia's Maid 140149	A	365	Oct	464.1	6.13	28.45	13859.5	764.3
Merrill, S. M., Argilla Farm, Ipswich, Mass.								
Argilla Clara 181719	E	133	Oct	887.5	5.67	50.32	4241.5	217.04
Argilla Dawn 177855	E	170	Oct	978.9	5.08	49.73	6098.5	278.30
Argilla May Faithful 203555	G	167	Sept	802.6	4.86	39.01		
		198	Oct	788.3	6.17	48.64	5626.7	304.70
*Argilla Nora 181716	D	31	Oct	1556.0	4.43	68.93		
s. Langwater Sentinel 44805 A. R.	d. Upland's Eleanor 104827 A. R. 13912							
Brookfield Wyoming 2d 181552	E	163	Oct	825.9	5.89	48.65	5102.7	256.73
Ella of Argilla Farm 139494	A	139	Oct	1001.1	6.15	61.57	5197.9	288.09
Madora of Faraway 132308	A	139	Oct	1235.2	5.26	64.97	6091.3	296.45
Mandolin of Indian Ridge 162061	C	92	Oct	1034.8	5.66	58.57	3289.7	167.32
Mixter Royal Sunbeam 167666	D	190	Oct	789.7	5.50	43.43	6255.7	314.31
Merryman, Louis McL., "Gerar Guernseys," Sparks, Md.								
Gerar Charlotte 188744	F	245	Oct	557.7	4.40	24.54	6437.9	272.37
Gerar Jessica 170460	D	327	Oct	476.2	5.02	23.91	11299.5	526.12
Gerar Jezebel 2d 194206	F	78	Oct	945.9	4.70	44.46	2517.4	109.68
Golden Fern's Beda 171324	D	171	Oct	682.2	4.54	30.97	5291.7	219.45
Golden Paula of Evergreen 246676	C	343	Sept	458.5	5.97	27.37		
		365	Oct	277.2	5.97	16.55	8146.5	439.0
Maple's Miriam 179225	D	174	Oct	815.6	4.00	32.62	5567.8	219.86
May Rose Ideal Queen of Guernsey Hill 107359	A	305	Oct	533.3	5.16	27.52	8784.6	430.81
Millay Brothers, Richmond, Maine.								
Fashion's Pride of Millay Homestead 184608	E	245	Oct	772.8	6.10	47.14	7623.4	443.68
Lakewood Barbara 213688	D	83	Oct	1030.5	5.60	57.71	3054.1	174.67
Lakewood Rebecca 166887	A	291	Oct	946.5	5.56	52.63	11828.8	600.49
Mazie's Pride of Millay's Homestead 152354	B	226	Oct	941.3	5.93	55.82	8612.3	478.02
Miller, I. Ben, Lila Drew Farm, Cape Girardeau, Mo.								
Fontenelles of Lila Drew Farm 171588	C	40	Oct	1130.7	4.66	52.69	1481.2	69.48
Marquette Ally 186952	F	365	Oct	52.7	6.51	3.43		
				146.4	5.24	7.67	7057.1	374.2
Rose of Egypt Mills 123621	A	285	Oct	528.3	4.91	25.94	8919.7	383.65
Miller, I. G., Faraway Farm, South Royalton, Vt.								
Pauline's Azucena 157497	B	67	Oct	1044.3	5.02	52.42	2304.9	123.64
Miller, John A., Meadowbrook Farm, Nazareth, Pa.								
Buttonwood's Jeannette 167125	D	356	Oct	695.9	4.05	28.18	13474.5	522.54
Imp. Dolly's Pride of La Fosse 226857	C	77	Oct	1199.2	4.44	53.24	2933.5	128.34
Imp. Fanny of the North 226876	F	195	Oct	784.5	5.10	40.01	5703.8	294.64
Fritzlyn Senecta May Rose 168031	D	281	Oct	563.8	5.70	32.14	7890.3	368.85
Fritzlyn Spotted Lily 163221	D	326	Oct	629.7	5.19	32.68	9079.1	454.69
Fritzlyn Trequean Pearl 168030	D	275	Oct	812.1	6.01	48.81	10364.2	494.97
Maplewood's Top Notch 147095	A	169	Oct	1090.3	4.46	48.63	6951.1	267.04
Stony Hill Lily 132935	A	212	Oct	1151.0	4.12	47.42	9711.7	392.41
Imp. Violet of the Lohiers II. 226858	D	204	Oct	876.6	4.87	42.69	7694.2	316.00
Miller, Minnie W., Thousand Springs Farm, Wendell, Idaho.								
Bernice of Thousand Springs 204625	G	171	Aug	1260.7	4.14	52.19		
		201	Sept	1108.5	5.02	55.65		
		232	Oct	1108.7	5.05	55.99	9428.0	411.82
Bertha of Thousand Springs 196859	G	305	Oct	631.3	4.84	30.55	8568.8	405.20
Iris of Thousand Springs 212028	G	119	Oct	1124.9	4.17	46.91	4632.8	178.94
Martha of Thousand Springs 159971	B	329	Oct	1448.7	4.84	70.12	17508.1	837.12
Tinker Belle of Thousand Springs 196856	F	195	Sept	802.5	6.92	55.53		
		226	Oct	784.8	5.83	45.75	6678.3	356.68
Minnesota, University of, St. Paul, Minn.								
Daisy of Genoa 172059	C	155	Sept	755.4	5.80	43.81		
		186	Oct	681.2	5.85	39.85	5685.3	280.76
Minnehaha Foremost Bernice 178731	F	336	Aug	415.8	5.54	23.04		
		365	Sept	341.5	6.50	22.20	6005.9	349.6
Minnehaha Grenadier's Dot 196103	G	168	Oct	721.9	5.43	39.20	4748.3	237.42
Missouri, University of, Columbia, Mo.								
Cherub's Daisy of Oakwood 188851	E	131	Sept	507.2	3.75	19.02	3443.9	161.71
Royalist's Lady of Fern Hill 185426	D	57	Oct	944.6	3.95	37.31	1747.3	72.31
Moock, George B., The Hiland Guernsey Farm, Newport, Ky.								
Glady's Xmas of H. G. F. 197062	G	194	Sept	443.9	6.41	28.45		
		225	Oct	480.1	5.36	25.73	4199.1	213.41
Glenventure's Virginia 169381	C	365	Oct	447.2	3.90	17.44	13621.0	571.9
Radium's Fair Promise 169380	B	225	Oct	1117.7	4.01	44.82	9805.2	388.85
Moore, Paul, Mr. & Mrs., Hollow Hill Farm, Convent, N. J.								
†Convent's Adonis Rose 196904	G	305	Oct	472.5	6.31	29.81	7116.7	375.9

†Convent's Fair Bessie 141590	A	138	Oct	949.4	5.04	47.85	4695.6	212.76
†Convent's Pride 181176	E	274	Oct	477.0	6.08	29.00	6821.2	345.27
†Convent's Senator's Rosey 206637	G	101	Oct	722.2	5.24	37.84	2599.6	121.71
Convent's Ultra Queen Rose 127433	A	305	Oct	817.1	7.04	57.52	12341.2	689.28
Myers, W. H., Arcadia, Ind.								
Bertha of Weasel Creek 197901	E	19	Sept	550.8	4.33	23.85		
		50	Oct	974.7	4.33	42.20	1525.5	66.05
s. Eskimo Boy of Crane Farm 96522		d. Bertha of Seiberling Farm 163450						
Blossom of Weasel Creek 197903	E	17	Sept	666.2	4.69	31.24		
		48	Oct	1262.1	4.69	59.19	1928.3	90.43
s. Eskimo Boy of Crane Farm 96522		d. Blossom of Seiberling Farm 163449						
National Farm School, The, Farm School, Pa.								
Miss Lu of Sleepy Hollow 113054	A	224	Sept	496.4	5.14	25.51		
		255	Oct	464.3	4.72	21.91	5889.8	289.63
Nora Rose of Pennbrook 146583	A	107	Oct	811.4	5.08	41.22	3321.5	137.81
Nebraska, University of, Lincoln, Nebr.								
Bride Bess of Hilldene 215869	G	29	Oct	853.3	5.70	48.64		
s. Langwater Poilu Fils of Breidablik 75387 A. R.		d. Bess of Malvern 93243						
*Glory Girl 208656	E	5	Sept	158.5	5.04	7.99		
		36	Oct	1322.1	5.04	66.63	1480.6	74.62
s. Monarch of High Point 57523 A. R.		d. Morning Glory of Harbor Hill 65953 A. R. 9489						
Greyholme's Secret Dolly 213420	G	174	Oct	409.0	5.55	22.70	3213.6	163.33
Norman, Parks H., Jr., Greensboro, N. C.								
Melva's Princess of Normack 209587	G	79	Oct	816.9	4.20	34.31	2183.8	88.40
North Dakota Agricultural College, Agricultural College, N. Dak.								
Nakota Cherub Bopeep 205049	F	225	Oct	645.6	5.22	33.70	5936.0	297.43
Nakota May Cherry 205048	F	283	Oct	635.1	4.74	30.10	7133.8	315.87
Ober, Reuben A., Bridalwreath Farm, West Salem, Ohio.								
Bridalwreath Pride's Applebud 208321	G	205	Oct	728.0	5.66	41.20	5629.1	276.44
Five Points' Sallie 158090	C	365	Oct	25.2	5.08	1.28	14027.8	680.6
O'Hara, J. P., Moravia, N. Y.								
†Dame of Brookside's Daughter 162918	D	256	Oct	615.5	5.95	36.62	9091.5	458.10
Ultra's Queen 125473	A	274	Oct	655.9	5.71	37.45	8782.7	444.03
Ohio State University, Columbus, Ohio.								
Five Points Dora's Dolly 169115	C	82	Sept	1244.1	4.53	56.36		
		113	Oct	1056.2	4.09	43.20	4499.4	184.83
May Rox Annie 183297	D	92	Sept	495.8	5.46	27.07	2677.5	126.74
Oklahoma Agricultural & Mechanical College, Stillwater, Okla.								
Oklahoma College Lucy 181399	D	158	Oct	826.6	4.81	39.76	5233.0	220.81
Oklahoma College Queen 204332	G	321	Oct	391.3	6.10	23.87	6233.6	303.30
Oklahoma College Ultra 168532	C	150	Oct	857.9	4.60	39.46	5100.1	192.21
Ultra King's Ella 128456	A	195	Oct	1330.9	3.74	49.78	10413.5	385.43
Orton, Edward, Jr., Marilea Farm, Upper Sandusky, Ohio.								
Daisy of Spring View 211629	E	234	Sept	399.5	5.39	21.53		
		265	Oct	211.0	6.20	13.08	8338.2	356.08
Highland Pollyette 210974	G	156	Oct	954.2	5.31	50.67	5240.7	253.48
Maple Vista Trixie 229892	E	150	Oct	961.8	5.39	51.84	5195.9	250.00
Marie of Brookside 151715	B	274	Oct	449.3	5.11	22.96	7209.1	331.80
Sweet Springs Lily 193963	G	365	Oct	317.0	5.54	17.56	9774.5	453.3
†Sweet Springs Ultra Gay Miss 151538	A	150	Oct	572.9	4.75	27.21	3885.6	166.63
Osborne, Florence, Osborne Farms, Canton, N. C.								
Queen's Bopeep 155811	C	335	Oct	738.6	4.54	33.53	10936.0	474.29
Steed's Beauty 151377	B	334	Oct	1083.2	5.27	57.08	14454.8	689.79
Osborne, H. Arthur, Osborne Farms, Canton, N. C.								
Eliza Gale of Garden Creek 99727	A	365	Oct	523.4	5.84	30.57	14807.0	795.6
Sophie of Garden Creek 90934	A	267	Oct	944.3	5.50	51.94	12182.2	652.02
Osborne, M. Louisa, Osborne Farms, Canton, N. C.								
Gale's Elsie of Garden Creek 172785	A	19	Aug	800.3	4.39	35.13		
		49	Sept	1337.9	4.39	58.73		
		80	Oct	1305.1	4.90	63.95	3443.3	157.81
s. Bonito's King of Grapelawn 65740		d. Eliza Gale of Garden Creek 99727 A. R. 13185						
Louisa Avaline of Garden Creek 221470	E	365	Oct	10.1	5.47	.55	10677.4	517.1
Maxine of Garden Creek 191370	A	223	Sept	1001.6	4.73	47.38		
		254	Oct	1173.7	4.65	54.57	12536.0	562.08
O'Dear of Garden Creek 127659	A	180	Sept	955.1	6.37	60.84		
		211	Oct	933.2	6.54	61.03	7315.8	405.22
Owen, Dave, Owendale Farm, Mukwonago, Wis.								
Beauty of Owendale 142459	A	349	Sept	82.1	4.70	3.86	10514.9	530.2
May Flower of Owendale 194482	G	365	Sept	25.1	6.69	1.68	9244.2	514.6
Rosie of Owendale 163063	D	365	Sept	36.9	4.81	1.77	9285.1	415.4
Payson, Herbert, Thornhurst Farm, Portland, Maine.								
†Thornhurst Enchantress 176108	E	273	Oct	437.6	5.43	23.76	4971.5	249.11
Peck, E. C., Avalon Farm, Macedonia, Ohio.								
Avalon's Golden Maid 178282	E	227	Oct	622.5	5.10	31.75	6419.8	298.75
Cherub's Doris of Avalon 173055	D	253	Oct	726.1	5.73	41.61	8340.8	358.31
Dairy Maid of Avalon 121927	A	94	Oct	986.9	4.90	48.36	3339.5	147.23
Fanny of Avalon 211373	G	118	Oct	739.7	4.47	33.06	3140.5	131.52
Jewel's Matilda of Avalon 135558	A	243	Oct	740.1	5.87	43.44	7070.4	348.43

May King's Vrangue's Doris 2d 162971	D	272	Oct	579.1	6.16	35.67	7254.8	384.48
Miss Daisy of Maple Hill 72610	A	182	Oct	1312.4	4.05	53.15	8590.9	310.89
Picotte's Star of O'Klare 100979	A	291	Oct	831.9	5.00	41.60	10738.6	480.08
Pride's May Rose of Avalon 173053	D	280	Oct	570.9	6.23	35.57	8448.4	406.86
Vrangue's Doris of Avalon 2d 173054	D	329	Oct	605.6	5.38	32.58	10000.6	475.96
Peck, W. H., Macedonia, Ohio.								
Laretta W.'s Beauty 78050	A	92	Oct	917.2	5.01	45.95	3163.0	148.59
Pedigreed Seed Co., Hartsville, S. C.								
Coker Golden Sweetbriar 171832	D	223	Oct	893.5	5.46	48.79	7819.2	404.87
†Coker Queen of Glory 180627	E	163	Oct	857.7	5.50	47.17	5295.6	259.59
Holliston's Oakhurst Betty 241926	F	303	Oct	552.9	5.75	31.79	8346.1	422.36
Holliston's Oakhurst Buttercup 241927	G	203	Oct	753.8	5.82	43.87	6164.2	311.91
Mimosa Calendar 2d 231523	D	330	Oct	630.1	5.19	32.70	12951.6	615.76
Mimosa Gaiety 231522	B	61	Oct	969.4	5.41	52.44	1870.2	102.79
Pelouze, W. Nelson, "Alta Vista," Lake Geneva, Wis.								
Foremost's Celeste 197808	G	304	Oct	762.7	4.53	34.55	8832.6	402.00
Ma Chere Midday 110033	A	365	Oct	199.7	5.03	10.04	11075.3	551.0
Ultra Cinnamon of Alta Vista 191748	G	365	Oct	17.0	5.30	.90	10031.0	474.1
Ultra Jubilina of Alta Vista 191751	G	283	Oct	585.8	6.44	37.73	6919.0	381.99
Pemberton, W. D'Urban, Marymede Farm, Summerville, S. C.								
Appin's Dorcas 191376	B	216	Oct	636.2	4.59	29.20	7037.4	310.48
Kimberly's Foremost Sunshine 200113	G	267	May	530.9	5.53	29.36		
		297	June	615.4	5.61	34.52		
		328	July	572.0	5.73	32.78		
		359	Aug	517.3	5.08	26.28		
		365	Sept	98.8	5.08	5.02	7180.1	411.3
Pfrang, E. W., Guernsey Range Farms, Edgar, Wis.								
Hope's Flora of Tilden Farms 139864	A	360	July	397.1	5.40	21.44		
		365	Aug	45.5	5.40	2.46	11158.5	520.7
King's Ginger of Tilden Farms 145929	B	347	July	1.5	5.82	.09		
				182.9	4.28	7.83		
		365	Aug	605.1	4.28	25.90	8769.8	427.7
Master's Neva of Guernsey Range 167898	E	358	July	240.1	7.19	17.26		
		365	Aug	40.9	7.19	2.94	9550.4	451.9
Prentice, E. Parmalee, Mount Hope Farm, Williamstown, Mass.								
Hiera of Wilmington 142304	A	155	Oct	1106.3	4.60	50.89	6334.4	286.94
Morna of Wilmington 142306	A	121	Oct	1101.6	4.47	49.24	4694.0	197.87
Mount Hope Mabel 134994	A	72	Oct	1167.8	4.53	52.90	2713.3	117.97
Mount Hope Maida 155062	B	209	Oct	927.2	4.87	45.15	7324.7	329.20
Mount Hope Maiella 155063	B	75	Oct	1058.8	4.34	45.95	2581.9	112.20
Mount Hope Matilda 183270	F	364	Oct	862.5	4.74	40.88		
		365	Nov	26.7	4.74	1.27	12578.8	574.8
Mount Hope Miracle 175029	D	9	Sept	250.0	3.88	9.70		
		40	Oct	1032.0	3.88	40.04	1282.0	49.74
s. Mount Hope Pride 65425 A. R.	d. Harmony's Hamon 83027 A. R. 9872							
Mount Hope Mystery 190546	G	251	Oct	811.3	4.86	39.43	7027.9	320.33
†Wyebrook Glory 188200	C	122	Oct	1444.8	4.53	65.45	6008.5	247.93
Pyle, E. Baker, Brightside Farm, Phoenixville, Pa.								
Abbeyleix Bella 119128	A	16	Sept	772.1	4.53	34.98		
		47	Oct	1506.0	5.05	76.05	2278.1	111.03
s. Brookmead's Fashion 39674	d. La Belle of Cress Lawn 116993 A. R. 11444							
Abbeyleix Hester 154505	C	365	Sept	240.8	5.65	13.61	8323.8	434.7
Brightside Starling 195454	G	365	Oct	373.3	6.30	23.52	8579.6	471.9
†Chestermont Knight's Fantine 199223	F	148	Oct	856.9	5.20	44.56	4476.0	210.25
Milkweed's Peggy 205997	A	123	Oct	1250.9	4.31	53.91	5672.3	245.16
Ranney, James C., De Witt, Mich.								
†Sheik's Hazel 208785	F	24	Oct	550.9	4.89	26.94		
s. Mixter Sheik 106595	d. Bingo's Helen 162487							
†Sheik's Princess Pat 208787	F	52	Oct	761.2	4.02	30.60	1417.3	56.46
†Sheik's Starbright 208788	G	28	Oct	764.3	4.55	34.78		
s. Mixter Sheik 106595	d. Bingo's Starlight 162486							
Ransom, W. G., Ransom Farm, Homewood, Kans.								
Fleuretta of Ransom Farm 172849	D	251	Oct	617.4	5.81	35.87	8358.7	434.72
Golden Girl of Ransom Farm 158543	B	220	Sept	927.9	5.98	55.49		
		251	Oct	815.7	5.21	42.50	9836.8	469.11
Leda of Ransom Farm 178045	E	220	Sept	671.4	5.26	35.32		
		251	Oct	686.9	6.14	42.18	8104.4	400.25
May Rose of Ransom Farm 140051	A	365	Oct	327.0	5.94	19.42	9456.2	467.1
Nellie May of Ransom Farm 167023	D	319	Sept	20.1	5.60	1.13		
				306.4	4.89	14.98		
		350	Oct	752.0	4.89	36.77	9154.7	480.02
Violet of Ransom Farm 181494	F	328	Sept	22.1	5.69	1.26		
				335.7	4.61	15.48		
		359	Oct	987.6	4.61	45.53	9418.5	504.63
Rea, Henry R., Mrs., Farmhill Dairy, Sewickley, Pa.								
Betty of Farmhill 2d 160013	A	80	Oct	1393.3	4.36	60.75	3375.3	161.50
Raider's Wild-Rose of Farmhill 200662	G	214	Oct	908.8	4.11	37.35	6301.3	291.27
Rice, F. B., Fox Run Farm, Peterboro, N. H.								
Fox Run Rose Lyn 168844	B	26	Oct	778.7	4.41	34.34		
s. Roselyn's Warrior of Fox Run 56987	d. Imp. Charmante's Beauty of the Glen 94379							

Rice, W. B., Est., Fox Run Farm, Peterboro, N. H.								
†Fox Run Diana 199293	G	305	Oct	331.7	5.47	18.14	5149.7	264.9
Richey, Melvin, Shreve, Ohio.								
†Duchess Rose of Oaklawn 219119	G	238	Oct	578.6	5.45	31.53	5653.9	276.51
Ridge, H., Ridgelawn Farm, Whitewater, Wis.								
King's May Belle 189115	G	365	Aug	147.7	6.30	9.31	9162.5	502.8
Roddey, J. B., Columbia, S. C.								
Appin's Viola 186541	F	198	Oct	951.6	5.84	55.57	6675.8	332.69
Gemsey's Daisy of Orange 248227	G	175	Oct	813.6	5.17	42.06	5187.4	250.61
Iris of Edgewood 2d 197997	F	133	Oct	915.9	4.61	42.22	4037.6	173.76
Patty of Erinvine 163097	B	180	Oct	1124.6	4.91	55.22	8432.4	355.80
Roxie May of Appin 203923	E	69	Oct	914.9	5.03	46.02	2074.0	98.99
†Ware Shoals Rosie 124998	A	296	Oct	902.1	5.53	49.89	10664.9	545.63
Ruehs, Ernest W., Rosemont Farm, Caledonia, Mich.								
Floss of Smallidge Farm 2d 195962	F	142	Oct	675.0	5.74	38.75	3512.8	178.78
*†Lurabel of Smallidge Farm 2d 148954	A	28	Sept	1112.2	4.18	46.49		
		59	Oct	1141.3	4.04	46.11	2253.5	92.60
s. Royal's Prince of Maple Hill 60548 A. R.		d. Lurabel of Smallidge Farm 101210 A. R. 15144						
Nania's Frances 158664	B	146	Oct	875.9	4.08	35.74	5239.8	234.91
†Rosemont Genevive 179646	E	292	Oct	356.5	5.53	19.71	6630.6	335.63
†Rosemont Irene 198435	G	283	Sept	496.3	4.49	22.28		
		305	Oct	403.9	5.40	21.81	6832.5	341.1
†Rosemont Madge 146737	B	305	Sept	115.1	5.07	5.84	8954.8	435.3
Rundell, Homer F., Linwood Farms, Livingston, Wis.								
Linwood's Maud 150016	B	285	Oct	740.1	4.85	35.89	9666.6	431.87
Rundell, Lloyd, St. Croix Stock Farm, Roberts, Wis.								
St. Croix Chula's Last 185171	E	178	Sept	964.0	4.30	41.45	6687.7	277.93
St. Croix Malinda 185172	E	232	Aug	517.8	6.47	33.50		
		262	Sept	350.2	5.66	19.82	6535.1	339.67
St. Croix Marion 209088	G	90	Sept	1022.0	4.43	45.27	3168.3	152.72
St. Croix Mermaid 196780	F	91	Sept	854.7	5.16	44.10	2652.5	122.77
St. Croix Valentina 196781	F	94	Sept	797.0	4.97	39.61	2722.4	127.93
Russell, George C., Russellhurst Farms, Willoughby, Ohio.								
Russellhurst Golden Jane 194222	G	365	Oct	423.7	5.04	21.35	8317.2	363.1
Sands, Daniel C., Benton Farms, Middleburg, Va.								
Hillandale's Hopeful Fishermaid 173692	C	27	Oct	1001.1	4.49	44.95		
s. Mixter Sun 89149 d. Papoosette 134922								
Lena's Itchen Daisy Producer 170204	B	11	Sept	361.6	4.48	16.20		
		42	Oct	1124.4	4.61	51.83	1486.0	68.03
s. Red Warrior of Glencairne 44105		d. Lena of Village Farm 97763 A. R. 14097						
Ultra's Rose of Magnolia 162946	B	30	Sept	1007.0	4.26	42.90		
		61	Oct	1111.7	4.42	49.14	2118.7	92.04
s. Lily's Ultra of Flint Ledge 48065		d. Rosebud of Magnolia 54303						
Sanford, John C. & Cartner, L. P., Twin Brook Farm, Mocksville, N. C.								
Cleo of Twin Brook 155177	B	228	Sept	700.6	5.18	36.29		
		259	Oct	721.0	5.06	36.48	7603.0	360.09
Little Jane's Junie Ann 157119	B	204	Oct	984.4	5.72	56.31	8501.1	415.02
Scheidhauer, H. J., Fawnwood Farm, Rhinelander, Wis.								
Belle of Rhinelander's Queen 129542	A	61	Aug	1376.6	4.82	66.35		
		91	Sept	1228.4	4.50	55.28		
		122	Oct	1005.8	4.80	48.28	4758.2	229.00
†Queen's Blossom of Fawnwood 175886	D	214	Oct	777.3	4.72	36.69	6567.6	282.80
Scott, Conoway, "Elmhurst," Scott, Ark.								
†Cecil's Mary of Fairview 174855	C	108	Oct	949.2	5.04	47.84	3772.1	166.33
Shady Lane Farms Co., The, Columbus, Ohio.								
Trevose Maid 76616	A	329	Sept	699.8	4.55	31.84		
		360	Oct	624.7	4.71	29.42	13050.6	518.72
Welsh Hills Vimiera 162188	B	188	Oct	730.1	5.17	37.75	6698.9	282.34
Shaw, Albert, Sterling Farm, Sterling, Va.								
Beaucaire's Honey Moon 177931	E	329	Oct	630.7	5.17	32.61	8108.4	416.33
Billy's Wiline 189764	B	302	Oct	705.9	5.75	40.59	10920.1	557.52
Miss Gentle of Rock Spring 182494	E	177	Sept	860.9	5.44	46.83		
		208	Oct	741.5	6.20	45.97	6691.9	339.83
Sunflower of Sterling Farm 178570	E	286	Oct	582.1	5.64	32.83	6638.5	336.18
Shaw, Robert Alfred, North Dorset Farms, North Dorset, Vt.								
Buttercup's Kathleen of Emerald 193129	D	313	Oct	476.6	5.60	26.69	7683.0	399.64
Princess' Amarilla 218167	E	140	Oct	776.6	5.35	41.55	4247.8	210.57
Sheehan, W. S., Pennbrook Farms, Kennett Square, Pa.								
†Boneka's Ruth Rose Secret 105682	A	305	June	218.1	6.24	13.61	6361.6	337.3
†Cinderella of Pennbrook 188808	F	195	Aug	737.5	4.56	33.63		
		225	Sept	663.0	4.79	31.76	6559.6	271.73
†Colore Rose Secret of Boneka 107842	A	184	Aug	676.6	5.29	35.79		
		214	Sept	592.1	5.79	34.28	6526.3	319.13
†Dolly of Pennbrook 177753	F	305	Apr	36.3	5.82	2.11	7447.7	351.2
†Jessy Rose of Pennbrook 145858	A	184	Aug	721.2	5.22	37.65		
		214	Sept	666.3	5.94	39.58	6429.2	337.49

South Dakota State College, Brookings, S. Dak.								
Rosie's Daffodil 186858	E	196	Oct	433.3	6.14	26.60	5453.4	315.22
Sparks, J. H., North View Farm, Advance, N. C.								
†Beauty of Oak Lawn 89187	A	305	Oct	235.5	5.61	13.21	8567.0	417.7
†Cherry Lou 216990	G	16	Aug	416.4	5.00	20.82		
		46	Sept	771.8	5.02	38.74		
		77	Oct	691.9	5.00	34.60	1880.1	94.16
s. Beauty's Choicest's Rose King 106759		d. Flossie Lou 92038						
†Mary Monday 130784	A	300	Oct	571.9	5.40	30.88	9917.6	489.17
Princess of Lorraine 84472	A	312	Oct	670.0	5.50	36.85	9203.2	465.06
†Sunday's Sequel's Girl 201500	G	305	Oct	62.7	5.50	3.45	7601.8	386.1
Sprinkle, C. E., Tobaccoville, N. C.								
Marshall's Fairy of Paramount 176191	D	251	Sept	411.7	7.50	30.88	6448.5	293.82
Stevens, L. B., Shoreland Farm, Oconomowoc, Wis.								
Shoreland Annette 169288	C	224	Oct	957.9	4.68	44.83	8550.2	365.25
Shoreland Dairy Queen 219676	E	283	Oct	803.1	4.61	37.02	8608.5	387.07
Shoreland Myrtle 137018	A	28	Sept	1022.0	5.20	53.14		
		59	Oct	1113.0	5.25	58.43	2135.0	111.57
s. Pride II. of the Marais's May King 32698 A. R.		d. Princess Myrtle 38169 A. R. 3722						
Shoreland Myrtle 2d 214841	D	365	Oct	94.7	6.57	6.22	8266.8	428.6
Shoreland Prudence 169287	B	26	Aug	907.3	4.37	39.65		
		56	Sept	1054.2	4.72	49.76		
		87	Oct	1008.6	4.86	49.02	2970.1	138.43
s. Shoreland Atamannsit Champion 68852 A. R.		d. Shoreland Primrose 102697						
Talmage, John F., Audley Farms, Mendham, N. J.								
Cynthia of Audley 137771	A	136	Sept	899.9	5.36	48.23		
		167	Oct	795.4	5.21	41.44	5315.8	271.22
*†Daisy of Audley 115650	A	8	Aug	331.0	4.65	15.39		
		38	Sept	1347.6	4.65	62.66	1678.6	78.05
s. Olympus of Somerset 33814		d. Julia of Audley 39114						
Florham Theara 152974	C	365	Sept	281.1	5.35	15.04	14607.6	761.9
†Imp. France's Pride of Groignet III. 248926	D	59	July	1077.7	4.13	44.51		
		90	Aug	904.5	4.15	37.54		
		120	Sept	749.4	5.19	38.89		
		151	Oct	721.3	4.99	35.99	4517.4	200.89
†Knockaloe of Oaklee 196914	C	113	Sept	881.4	4.99	43.98		
		144	Oct	880.3	4.43	39.00	4831.7	244.32
Pepaita of Audley 202568	G	174	Sept	520.9	5.55	28.91		
		205	Oct	539.5	5.06	27.30	5102.2	257.11
*†Imp. Princess of Bickleigh 201431	A	20	Sept	769.8	4.70	36.18		
		51	Oct	1348.1	4.05	54.60	2117.9	90.78
s. Bickleigh III. R. G. A. S. 4190 P. S. A. R.		d. Ruby of Sarnia III. R. G. A. S. 15620 P. S.						
†Silver Glenwood of Oaklee 119482	A	260	Sept	503.7	7.17	36.12		
		291	Oct	416.0	7.00	29.12	7834.2	471.86
†Snappyquops of Oaklee 173476	A	260	Sept	642.4	6.25	40.15		
		291	Oct	660.2	5.83	38.49	8249.6	449.47
Taylor, George B., White Swan Farm, Swanville, Pa.								
Brookmead's May Rose Glenwood's Margaret 130439	A	227	Sept	638.9	5.21	33.29		
		258	Oct	578.5	5.82	33.67	7885.3	419.44
Fairview Rival's Faith 188665	E	245	Oct	570.7	4.59	26.20	6605.2	301.17
Fairview Royal Spot 215897	G	123	Oct	627.2	4.33	27.16	2965.5	132.91
Ten Eyck, Peter G., The Indian Ladder Farm, Altamont, N. Y.								
Indian Ladder Aristocrat's B. Picture 190573	E	79	Sept	645.9	4.62	29.84		
		110	Oct	649.2	4.61	29.93	2339.4	105.38
Indian Ladder Aristocrat's Re-echo 196136	F	108	Oct	863.4	4.00	34.54	3115.2	115.47
†Indian Ladder Aristocrat's Violet 200404	F	30	Sept	738.1	4.80	35.43		
		61	Oct	761.2	5.15	39.20	1499.3	74.63
s. Waldorf Aristocrat 71049 A. R.		d. Indian Ladder Violet 127063 A. R. 17240						
†Indian Ladder Perfecter's Art Girl 204270	G	14	Aug	341.0	4.80	16.37		
		44	Sept	719.2	4.80	34.52		
		75	Oct	662.0	4.63	30.65	1722.2	81.54
s. Wyebrook Perfecter 91351		d. Indian Ladder Aristocrat's Girl 155702 A. R. 19710						
†Indian Ladder Perfecter's Blossom 190571	G	305	Mar	408.2	5.21	21.27	7263.3	344.4
†Indian Ladder Vlet's Aristocrat Blossom 216182	G	4	Sept	66.4	3.65	2.42		
		35	Oct	767.8	3.65	28.02	834.2	30.44
s. Indian Ladder Violet's Aristocrat 127282		d. Indian Ladder Blossom 147606 A. R. 18166						
Oakwood Phyllis 2d 223547	G	265	Oct	610.8	4.85	29.62	5896.1	288.83
Texas, A. & M. College of, College Station, Texas.								
Kitchener's Spring Beauty 208953	G	21	Sept	400.4	3.63	14.53		
		52	Oct	600.2	3.30	19.81	1000.6	34.34
s. Kitchener's Defiance of Iowanola 77545		d. Spring Beauty of the Prairie 2d 128774 A. R. 17197						
Threlfall, Joseph E., Spring Brook Farm, South Hingham, Mass.								
Belinda of Springbrook 2d 194755	F	195	Sept	860.0	6.27	53.92		
		226	Oct	771.7	6.30	48.62	6656.2	378.80
Chieftain's Beauty of Oaks Farm 148016	A	183	Sept	1127.8	4.79	54.02		
		214	Oct	920.0	5.43	49.96	8872.2	387.78
Frances Buttercup of Springbrook 204715	F	116	Sept	944.8	4.96	46.86		
		147	Oct	874.1	5.20	45.45	4886.6	240.10
Imp. Green Meadow Purity 119124	A	181	Sept	1013.1	5.69	57.65		
		212	Oct	900.4	6.55	58.98	7624.5	404.87

Toomey, H. C., Spring Lake Farm, North Wales, Pa.								
†Meadows Farm Laurette 208132	G	31	Aug	780.2	4.00	31.21		
		61	Sept	717.6	4.38	31.43		
		92	Oct	651.9	4.50	29.34	2149.7	91.98
s. Brookmead's Star of Meadows Farm 101376		d. Fanchette of Meadows Farm 116398						
†Meadows Farm Maybud 208134	G	20	June	548.8	4.35	23.87		
		51	July	794.9	4.35	34.58		
		82	Aug	737.7	4.50	33.20		
		112	Sept	629.0	5.19	32.65		
		143	Oct	550.7	5.09	28.03	3261.1	152.33
s. Brookmead's Star of Meadows Farm 101376		d. Hawthorne of Meadows Farm 140797						
Meadows Farm Prejudice 208133	G	69	Sept	796.4	4.89	38.94		
		100	Oct	730.2	5.30	38.70	2537.7	119.10
Treat, Henry W., Summit Farm, Tallmadge, Ohio.								
Raider's Freda of Summit Farm 197721	G	336	Oct	689.5	4.75	32.75	9189.3	407.24
†Raider's Poppy of Summit Farm 196446	G	298	Oct	451.0	6.23	28.10		
		305	Nov	71.1	6.23	4.43	6991.0	347.4
Tucker, Gertrude L. C., Elgercon Farm, Willoughby, Ohio.								
†Fanchette of Elgercon 124282	A	305	Oct	609.9	6.28	38.30	12767.4	664.3
Gerlee's Gertrude of Elgercon 157934	B	258	Oct	1179.1	5.43	64.03	12313.3	629.14
†Jeanette of Elgercon 214185	G	9	Aug	220.0	4.45	9.79		
		39	Sept	678.9	4.55	30.89		
		70	Oct	681.4	4.69	31.96	1580.3	72.64
s. Shuttlewick Strongheart 88055		d. Fanchette of Elgercon 124282 A. R. 15979						
Marcella of Elgercon 152063	B	214	Oct	1070.4	5.19	55.55	8585.6	423.73
Sweetheart of Elgercon 194287	F	31	Oct	952.6	4.30	40.96		
s. Shuttlewick Strongheart 88055		d. Gardenia of Elgercon 156286						
Tuttle, Howard B., Biscoe Farm, Middlebury, Conn.								
Alanowa 242967	F	274	Oct	885.5	4.84	42.86	8934.1	408.99
Claymore's Marcella 199967	G	101	Oct	1180.0	4.42	52.16	3919.2	179.84
Euina 174731	A	327	Oct	786.8	5.25	41.31	13256.9	649.57
Leucadia Lenfestey 242979	G	20	Sept	615.5	4.09	25.17		
s. Mixter Claymore 90060 A. R.		d. Laconia Lenfestey 127357 A. R. 14768						
Lutetia Lenfestey 243088	G	307	Oct	770.1	5.94	45.74	8962.0	488.43
Matournella 174726	A	203	Oct	1195.8	5.29	63.26	10070.2	481.68
Munifina 228215	F	312	Oct	847.3	4.79	40.59	9656.9	439.75
Syamia 242975	F	12	Sept	369.2	5.79	21.38		
s. Lirma's Laudable 99695		d. Sybella 96641						
van Beuren, M. M., Sunnyfields Farm, Newport, R. I.								
†Sunnyfields Booty 213919	G	17	Sept	441.1	4.38	19.32		
		48	Oct	817.5	4.38	35.81	1258.6	55.13
s. Sunnyfields Reminder 89817		d. Sunnyfields Raider's Maid 157750						
Sunnyfields Promise 146374	A	51	Oct	1547.0	3.91	60.49	2419.2	104.10
†Sunnyfields Suavity 192079	F	267	Oct	657.1	5.42	35.61	6624.6	347.30
Warburg, Felix M., Woodlands Farm, White Plains, N. Y.								
Woodlands Phyllis 86162	A	334	Oct	1059.7	5.14	54.47	14647.9	697.91
Ward Acres, Inc., New Rochelle, N. Y.								
Imp. Anna III. of the Echelle 201430	A	322	Oct	489.7	6.39	31.29	11330.5	582.64
*Atamannsit Sweetheart 164994	C	25	Sept	1043.0	4.88	50.90		
		56	Oct	1341.2	4.82	64.65	2384.2	115.55
s. Langwater Hannibal 69279 A. R.		d. Imp. Splitsilk of Edgemoor 94253 A. R. 12899						
Imp. Betsy Du Jardin 183739	E	20	Sept	428.6	5.65	24.22		
		51	Oct	761.7	5.60	42.66	1190.3	66.88
s. Betsey's Rex of Ponchez R. G. A. S. 4792 P. S.		d. Imp. Fancy Du Jardin 183738						
Imp. Betsy's Hopeful 150678	A	311	Oct	848.4	6.72	57.01	14667.4	822.88
Golden Blossom of the Prairie 2d 212662	G	110	Oct	952.7	4.70	44.78	3656.4	156.38
Imp. L'Epinel's Primrose 239215	A	92	Oct	1011.5	5.33	53.91	3067.1	151.05
Imp. Marie of Ward Acres 201395	F	23	Oct	756.8	5.05	38.22		
s. Echo of Myrtle Place R. G. A. S. 4796 P. S.		d. Imp. Nightingale II. of the Lohiers 192393 A. R. 19488						
Pearl of Ward Acres 187093	E	130	Oct	837.2	6.12	51.24	3757.1	192.62
Imp. Risbecq of Vimiera 2d 214911	G	356	Oct	507.7	7.65	38.84	8268.6	510.39
Ultra Celia 72478	A	150	Oct	1474.8	4.83	71.23	7864.4	360.17
Warfield, Edwin, Jr., Oakdale Farm, Woodbine, Md.								
Herdlea Jane 101501	A	265	Oct	721.3	4.95	35.70	9167.5	467.07
Janice of Oakdale 198716	G	289	Oct	557.5	5.86	32.67	7493.5	403.55
†Judith of Oakdale 198715	F	119	Oct	910.6	4.53	41.25	3606.5	153.68
West, William R., High Hill Farm, New Bedford, Mass.								
Daisy of High Hill 167489	B	141	Oct	1129.3	5.37	60.64	5445.7	248.96
Imp. Honour's Jewel of High Hill 165034	B	178	Oct	986.4	4.26	42.02	6601.2	296.67
*King Robert's Meadowside Lass 88042	A	13	Sept	418.4	4.08	17.07		
		44	Oct	1382.5	4.08	56.41	1800.9	73.48
s. King Robert of Great Hill 31925 A. R.		d. Berna La Belle 60978 A. R. 12989						
*May Queen of High Hill 173561	C	29	Sept	889.3	4.93	43.84		
		60	Oct	1151.9	4.93	56.79	2041.2	100.63
s. Africander's Ultra May King of High Hill 89723		d. Dairy Maid of High Hill 146197 A. R. 17155						
Rosamond of High Hill 195663	G	305	Oct	700.1	5.09	35.64	8446.8	398.27
*Rose Queen of High Hill 195662	D	7	Sept	186.4	4.50	8.39		
		38	Oct	1138.4	4.50	51.23	1324.8	59.62
s. Robert's Rose King of High Hill 88464		d. Delight of High Hill 99115 A. R. 14648						
Whitcomb, H. H., Whitcomb Farms, Littleton, Mass.								
†Bonnie Jane of Greystone 126623	A	272	Sept	440.1	5.52	24.29	7261.4	342.55

†Golden Daisy of Twin Oaks 133309	A	8	Aug	311.5	4.00	12.46		
		38	Sept	1173.1	4.00	46.92	1484.6	59.38
s. Kathergay Don 37811 d. Lassie's Lucile 60467								
†Helen Marshall of Lake Farm 188984	C	188	Sept	796.4	4.53	36.08	6459.2	284.05
†Priscilla's Day Dream 134737	A	223	Sept	484.2	4.71	22.81	5415.6	251.46
White, Augusta H., "Hill Top," Princeton, N. J.								
Imp. Dairymaid of Pulias 175134	B	237	Oct	1021.9	5.25	53.65	10266.2	474.80
Hallmark Butter Queen 194618	G	294	Oct	817.7	5.65	46.20	8960.0	467.15
Hallmark Valentine Daisy 203509	G	69	Oct	1036.2	4.08	42.28	2380.0	91.96
White Hall Farms, Inc., Elkton, Md.								
†Florence of White Hall 123308	A	212	Oct	553.8	4.94	27.36	5589.8	252.07
†Marydel of White Hall 134938	A	20	Oct	826.2	4.27	35.28		
s. Ellenwood Sunderland 29157 A. R. d. Lotta's Sweetfern of Iona 60671 A. R. 13644								
†Patience of White Hall 140490	A	220	Oct	364.9	5.43	19.81	5436.1	242.73
†White Hall's Cowslip 199000	F	211	Oct	682.8	4.58	31.27	5690.3	251.16
†White Hall's Nectar 182518	E	218	Oct	585.7	4.74	27.76	6199.4	252.66
†White Hall's Proud Lady 201889	G	259	Oct	678.5	4.75	32.23	7742.1	346.13
†White Hall's Vanity 182519	E	278	Oct	356.1	6.28	22.36	6671.1	330.1
White, William T., "Hill Top," Princeton, N. J.								
Neptune's Fancy of Hill Top 170060	D	92	Oct	1159.7	4.67	54.16	3599.5	153.06
Whyte, E. J. & Fotheringham, J. R., Pinconning, Mich.								
†Dorothy G. of Pinconning 213757	G	217	Oct	520.0	4.72	24.54	5199.9	236.79
Frances' Ginnie F. of Pinconning 199221	G	284	Oct	561.4	4.66	26.16	6805.6	306.53
Wickersham, W. B., Willowdale Farm, Kennett Square, Pa.								
Frances Netoria 3d 221665	G	300	Sept	541.1	5.84	31.60	7581.2	377.28
Pansy Starlight 2d 222413	G	260	Aug	702.6	5.99	42.09		
		290	Sept	644.4	6.44	41.50	7338.5	419.52
Premier's Auntie Blanche 222421	G	212	Sept	836.4	4.78	39.98	6845.8	324.66
Premier's Gertrude Borden 222293	G	291	Sept	668.1	5.08	33.94	7869.5	377.67
Upland's Premier's France 221666	G	257	Sept	662.8	5.09	33.74	6639.2	311.96
Upland's Premier's Idealia Borden 221667	G	290	Sept	648.5	5.34	34.63	8854.0	426.77
Wilder, G. W., "Timbertop," East Rindge, N. H.								
†Imp. Minnie Ann II. of Val Dairy Farm 188420	A	90	Oct	908.1	5.37	48.76	3066.2	150.84
Mollie of Shattoockquis 193677	E	216	Oct	672.3	5.51	37.04	5285.3	273.42
Imp. Oaks Farm Artesia 196338	G	259	Oct	704.2	5.69	40.07	7312.5	352.54
†Oscaretta of Timbertop 203699	G	73	Sept	644.3	5.77	37.18		
		104	Oct	587.1	5.28	31.00	2228.5	110.75
†Raider's May Rose of Oaks Farm 148018	B	254	Oct	865.0	5.15	44.55	9287.3	423.79
†Rockingham Faith 169803	C	184	Oct	732.8	5.03	36.86	5238.5	253.45
†Imp. Rose's Norma III. 187310	B	221	Oct	641.7	5.31	34.07	6534.4	314.84
Wilkins, Charles A., Mound City Farm, Platteville, Wis.								
Beauty of Mound City 160872	C	365	Oct	329.9	5.34	17.62	11166.1	585.9
Celia of Mound City 141827	A	275	Oct	887.1	4.48	39.74	10655.5	449.05
Lustre of Mound City 211170	G	204	Oct	808.8	3.62	29.28	6805.0	274.19
Polly Ann of Mound City 200340	E	225	Oct	622.6	6.24	38.85	6008.9	315.59
Williams, D. L., Wern Farms, Waukesha, Wis.								
†Canary's Good Hope of The Wern 128350	A	14	Sept	414.0	3.65	15.11		
		45	Oct	795.2	3.65	29.02	1209.2	44.13
s. Lura's King of Maple Hill 35525 d. Wern's Lucile 80919								
†Golden Canary of the Wern 176513	D	23	Sept	686.4	5.10	35.01		
		54	Oct	798.8	5.10	40.74	1485.2	75.75
s. Dora's King of Sunny Valley 55969 A. R. d. Canary's Good Hope of The Wern 128350								
Williams, John H., Park Farm, Waukesha, Wis.								
Park's Minnehaha 193770	F	174	Oct	877.4	5.27	46.24	4954.0	214.62
Williams, William H., Camp Aiyukpa, Lyon Mountain, N. Y.								
Aiyukpa Cherub's Dottie 173465	D	123	Aug	1083.1	4.91	53.18	4746.3	237.33
Aiyukpa Diamond Mabelle 178175	E	92	Aug	926.1	5.48	50.75		
		122	Sept	840.0	5.39	45.28	3828.7	200.47
Aiyukpa Golden Coronet 195761	G	268	Aug	718.0	7.44	53.42		
		298	Sept	651.0	7.33	47.72	7895.9	517.75
Aiyukpa K. Diamond 209349	G	113	Aug	819.9	5.36	43.95		
		143	Sept	777.7	5.09	39.58	4293.0	215.00
Aiyukpa K. Hope 209351	G	5	July	144.9	5.08	7.36		
		36	Aug	956.8	5.10	48.80		
		66	Sept	774.7	4.89	37.88	1876.4	94.04
s. Langwater Eastern King 63072 A. R. d. Imp. Hope of Cornus Farm 160514 A. R. 16986								
Aiyukpa Secret Betty 199867	G	123	Aug	713.6	5.47	39.03		
		153	Sept	709.1	5.45	38.65	4229.0	218.02
Craigamoor Vernette 3d 114118	A	123	Aug	1439.7	4.62	66.51		
		153	Sept	1118.1	4.56	50.99	7624.6	343.70
Lone Pine Cherub's Pearl 171711	D	102	Aug	1138.3	4.51	51.34		
		132	Sept	1060.1	4.43	46.96	4894.4	223.94
Nina's Pet 3d 180944	D	183	Aug	1160.9	5.02	58.28		
		213	Sept	989.5	5.54	54.82	9112.1	435.61
Sedgley Queen Lassie 173002	D	194	Aug	1025.2	5.05	51.77		
		225	Sept	897.0	5.50	49.34	7721.4	396.54
Shuttlewick Happy Girl 146694	B	162	Aug	1203.9	4.19	50.44		
		192	Sept	1131.8	4.40	49.80	8542.2	350.68
Silverwood Diana 2d 134113	A	170	Aug	1100.5	4.69	51.61		
		200	Sept	811.4	4.96	40.25	7916.4	368.44

Winston, T. S., Winston Farms, Midlothian, Va.								
†Winston Farms Blossom 196502	G	300	Oct	422.4	5.67	23.95	6125.7	281.41
†Winston Farms Folly 142250	A	305	Oct	9.5	5.19	.49	6733.8	315.8
Wittig & Drew, Kenilworth Farm, McLean, Va.								
Flora of Oak Grove 102090	A	199	Oct	1009.2	4.32	43.60	9409.6	403.27
Kenilworth Ada's Beauty 141291	A	326	Oct	314.1	5.18	16.27	8956.2	450.70
Kenilworth Annetta Belle 184424	E	290	Oct	744.2	5.66	42.12	10531.1	516.88
Kenilworth Ida's Maud 199377	G	284	Oct	631.6	6.44	40.68	6993.2	397.13
Wood, G. H., Woodland Farms, Monroe, Mich.								
Harlequin's Jeanette of Woodland 208602	G	16	Sept	381.7	5.01	19.12		
		47	Oct	828.1	5.06	41.90	1209.8	61.02
s. Rockingham Harlequin 100224	d. Raider's Pearl of Woodland 156001							
Raider's Anette of Woodland 189534	F	103	Sept	1000.7	4.22	42.23		
		134	Oct	1018.3	4.44	45.21	4253.3	173.75
Raider's Betty Anne of Woodland 163062	D	287	Sept	919.7	4.88	44.88		
		318	Oct	939.6	5.14	48.30	11898.4	552.61
Raider's Bonny Queen of Woodland 156000	C	305	Sept	968.6	4.62	44.75		
		336	Oct	957.4	4.98	47.68	12607.9	585.54
Raider's Doraline of Woodland 162434	D	305	Sept	907.3	5.07	46.00		
		336	Oct	835.7	4.81	40.20	10411.5	530.03
Raider's Ilene of Woodland 216849	G	16	Oct	443.9	3.52	15.63		
s. Raider's Recorder of Waddington 45877 A. R.			d. Amy Dean of Woodland 137324					
Raider's Lady of Woodland 151045	B	258	Sept	1073.2	4.64	49.80		
		289	Oct	930.0	5.09	47.34	11165.9	522.54
Raider's Pearl of Woodland 156001	C	305	Sept	869.5	4.42	38.43	12401.8	555.11
Raider's Susan of Woodland 213776	G	16	Sept	385.7	4.46	17.20		
		47	Oct	838.4	4.43	37.14	1224.1	54.34
s. Raider's Recorder of Waddington 45877 A. R.			d. Lady Grace of Guernsey Hill 63915					
Raider's Yekesa Beauty of Woodland 169671	C	26	Sept	810.7	4.31	34.94		
		57	Oct	963.3	4.44	42.77	1774.0	77.71
s. Raider's Recorder of Waddington 45877 A. R.			d. Yekesa's Dolly 91452					
Yoder, J. S., Goodrich Farm, Macedonia, Ohio.								
Dairymaid's May of Guernsey Hill 116823	A	338	Oct	503.0	4.85	24.40	9991.9	454.78
Melrose of Elmcourt 61574	A	357	Oct	802.3	4.66	37.39	13198.3	571.43
Rosette of Cedar Lane 130662	A	123	Oct	875.0	4.55	39.81	4555.7	196.19
Rosette of Cedar Lane 2d 192848	E	198	Oct	718.7	5.60	40.25	7266.8	357.02
Ziesing, August, Thorn Hill Farm, Deerfield, Ill.								
Aristocrat's Pearl of Thorn Hill 172541	D	229	Oct	719.0	5.77	41.49	6596.6	344.74
Ruby's Victoria of Thorn Hill 136390	A	140	Oct	946.2	6.34	59.99	5196.7	269.03
Sass Box of Thorn Hill 160706	C	329	Oct	813.5	5.74	46.69	10314.6	513.86
Thorn Hill Goldy 177122	E	287	Oct	646.8	6.77	43.79	7333.5	399.04
Warrior's Rosie of Thorn Hill 198661	F	181	Oct	1116.4	4.60	51.35	6947.6	286.87
Zimmerman, S. H., Columbia, S. C.								
†Cavalier's Florence 167112	D	305	July	115.6	5.56	6.43	7337.9	406.0

MERITORIOUS GRADE GUERNSEY

Scheidhauer, H. J., Fawnwood Farm, Rhinelander, Wis.								
Brownie of Fawnwood	A	282	Oct	739.7	5.31	39.28	9657.5	409.64

TRANSFERS

List of Guernsey Transfers from November 1, 1928, to November 15, 1928, Inclusive

First Animals Being Purchased by New Breeders

BULLS

ALABAMA

Bessie's Cyclop 154488—State of Alabama-Kilby Dairy Farms to R. M. Spruell, Leeds
Hoosier Royal 149132—Russell C. Bowers to R. W. Kent, Birmingham

ARKANSAS

Mayprince's Royal 155359—J. C. Penney-Gwinn Corporation to Matthews & Favor, England

CALIFORNIA

Escalon Lady's King 150977—A. B. Humphrey to William M. Breczcale, Modesto
Golden Sequel of Lobos 155227—T. F. Riley to Rovelli & Locatelli, Soledad
La Jolla Bill 154877—W. C. Rannells to D. K. Davis, Nestor
Prince Fancy of Lechuza 155319—Frank B. Beyer to A. N. Pearson, Aguanga
Prince of Locust Ridge 155078—Ralph F. Gordon to Joe Lomes, Modesto

CONNECTICUT

General of Oak Lawn 123392—Roy E. Bowman to Stanley L. Dickinson, Torrington
Pleasant Meadows Downing 155302—A. V. Frost to John Hislop, Bethel

DELAWARE

Betty's Master Lad 150086—A. P. Irwin to Joseph M. Woodward, Marshallton
Nonpareil's Valiant King 155168—J. Irvin Dayett to Isaac G. Roberts, Summit Bridge
Oxford King of Broadview Farm 154537—Raymond M. Lank to Alfred C. Warrington, Felton
Roland Cyrenius 137954—C. R. Plummer to David Hurd, Harrington
Rosalie's Ray Valiant 155283—J. H. Hampshire to Ray Plummer, Seaford

FLORIDA

Rowan Glenwood's Masher 155082—Arnold & Son to Carlos Griggs, Ocala

GEORGIA

Guernsey Hill Senator George 154963—M. C. Ball to Mrs. Newton Watkins, Forest Glen

IDAHO

Lady's King of Moravia 155423—Wyman R. Hoagland to Charles Southard, Sinclair

ILLINOIS

Agoer Sexton of Midlands 154689—George C. Breul to Fred H. Scott, Antioch
Davy John of Winkleman Hill 142206—Emmet Foster to Oscar Blackman, Harrisburg
Davy John of Winkleman Hill 142206—Oscar Blackman to J. A. Douglas, Harrisburg
Davy John of Winkleman Hill 142206—J. A. Douglas to T. A. Overton, Eldorado
Eastern King's Lindy 155045—Chicago Guernsey Farm, Inc. to Clifford C. Gibbs, Sparland
Fifi's Warrior of Lindenhurst 150039—Ernst E. Lehmann to W. A. Boudro, Chicago
Forked Creek Carbine 154888—Mason Towle to Chris Shields, Minooka
Golden Prince of Avon 154996—C. Rolland Markley to Frank E. Threw, Elmwood
Kenfleur's Cherub Raider 136427—H. C. Horneman to W. D. Brickey, Bloomington
King David of Oak Grove Farm 155329—Henry Grieger to Virgil Smith, Simpson
Nick of Stone Hill 154901—Charles McMullen to James S. Miller & Son, Hanna City
Prince Lad of Springdale 151877—Jesse E. Tuttle to Ivan Cline, West Union
Sedgley Ultimas Foxie 155049—Chicago Guernsey Farm, Inc. to Fred Aman, Sparland
Sedgley Ultimas Hannibal 155048—Chicago Guernsey Farm, Inc. to Leland Monier, Sparland
Sedgley Ultimas Royal 155047—Chicago Guernsey Farm, Inc. to Gene Collins, Sparland
Sundari's Warrior of Lindenhurst 150127—Ernst E. Lehmann to Keefe Bros., Spring Grove
Tidy's White Sox 149217—Carl T. Knutson to William Herlitz, Beecher
Valentine's King of Hazy Hills 150168—C. C. Burns to George Tranel, Scales Mound
Wessley of Bear Lake 155237—George Damken to Ray Birns, Eddyville

INDIANA

Duke of The River Woods 121583—Leslie T. Coup to W. H. Cappis, Knox
Favorite of Little Grove 155335—Philo Wildman to Clifford F. Andrews, New Richmond
Isabel's King 155305—Robert Black to J. F. Mills, Mount Vernon
Laddie of Rioda 155209—O. D. Applegate & Sons to Lionel J. Applegate, Grabill
Mary's Duke of Bear Lake 155236—George Damken to Augustus C. Ogden, North Manchester
Sandy Red 154992—G. A. Ryan to Mrs. Effie Hall, Lewisville

IOWA

Badger Boy of Mineral Point 138620—James Harris, Jr. to George Einwalter, Fort Atkinson
Barlic of Alloway 155253—Bankers Mortgage Co. to J. E. Parmley, Newton
Bel Air of Spring Lake 107497—John Jacobson to R. V. Bever, Milford
Bud of Rosewood 155484—Ace Rowe to T. H. Standley, Madrid
Cady's Prince 155288—Emil Jacobson to B. V. Bever, Milford
Cedar-Duke 141572—E. C. Hoppenworth to Ihde Bros. Waverly

Denver's Prince 144992—Jacob A. Jacobson to Sheldon Bates, Milford
Glenwood Dean 154882—F. B. Holmes & Son to Ben Whittington, Solon
Guernsey Valley Cherub 145620—Charles W. Hoyt to T. G. & John Homewood, Hawkeye
Kensinger's King 139112—Frank Kensinger to J. E. Sindt, Atalissa
Liberty's Dean 154881—F. B. Holmes & Son to Ben Whittington, Solon
Lucia's Ultra King 155255—Henrietta A. Nichols to D. G. Martin, Scranton
Model Knight of the May 144239—F. G. Paul to F. W. Kuhlman & Emil Gildemeister, Hubbard
Pet's Billy Pete 155202—John M. Harris to Alfred L. Dick, Schaller
Pet's Buddy of Stede Well 150735—Harry Lage to George Dralle, Dewitt
Pleasant Ridge Lindy 149206—M. W. Miller to Joel S. Yoder, Kalona
Pleasant Ridge Slogan 154994—M. W. Miller to C. P. Bontrager, Kalona
Pride of Valley Road 147037—S. S. Smith to Ray Dealy, Atlantic
Prince's Gene 154970—Walter A. Dengler to Edwin Orr, Downey
Robin's Prince 155270—John Strouth to John H. Himmers, Ocheyedan
Roger of Cor-Alfa Farm 147031—M. S. & C. A. Skaar to Bert Underbakke, Rake
Sir Pride of Dayton 143289—Vaylard Ambrose to Ora Aubrey, Sumner
Yeksa Q. Heart 154851—W. B. Quarton to F. A. Corey, Algona

KANSAS

Annie Winwood's Laddie 154924—J. C. Anderson & Son to Otis Bruner, Uniontown
Clover's Masterpiece 154203—O. Scott Morgan to L. B. Doudna, Paola
Joe Hayes of Guardsman 155107—Melvin Mayfield to W. H. Davis, Gaylord
Pallas' King's Coachman 153816—Kansas State Agricultural College to Joe Revelette, Elgin

KENTUCKY

Polly's Combination of Georgeland 140075—C. A. Kinney to William Buser, Louisville

MAINE

Blue Belle Blossom's Victor 155396—Elmer H. Worthen to Alton L. Amazeen, Skowhegan
Hurricane of Sunniholme 155453—Alton I. Winchenbach to Bert Dennico, North Vassalboro
Lad of Millay Homestead 155418—Millay Bros. to S. M. Moore, Woolwich
Windycroft Monarch 155357—S. G. Wetmore to J. Ralph Hammond, Chesterville

MARYLAND

Hero of Flatland 155374—W. A. Cottman to A. C. Ogbourn, Westover
Locustcrest Ultra Glenrose 147786—J. Herbert Snyder to Lulu V. Wiles, Frederick
Perfection of Blooming Fields 154900—William Loar to Charles A. Propst, Flint Stone
Procris Aviator 135600—S. M. Shoemaker to Ernest S. Zepp, Clarksville
Royal Dimple's Prince 148487—W. C. Baker to Charles A. Wilson, Port Deposit
Rural Glade's Cavalier 155355—S. W. Townsend to Alvin C. Brenninger, Oakland
Vernon of Pot Spring 155454—John P. Baer to Vernon Taylor, Overlea

MASSACHUSETTS

Aritheusa's Boy of Oakholm 148973—George N. Jeppson to Paul Haesaert, Warren
Duke of Colebrook 152728—Lewis L. Jillson to Ralph Frank Hunt, Orange
Trilby's Seth M. 151037—F. W. Williams to Stephen Melnik, Deerfield

MICHIGAN

Alta's Grove of Pickford 153785—L. D. Kellogg to B. Smith & H. Blair, Pickford
Caroline's Sunrise 154874—Seymour S. Olin to L. H. Eastman, Grand Junction
Daisy's Buster Bill 155138—Herbert Chorpening to Fred Hauseman, Albion
Earl of Porter Ranch 153648—Frederick C. Porter to Sam Cable, Falmouth
Grandvu Patriot 106055—Baltimore Guernsey Association to George Paajanen, Ewen
Homestead King Apollo 154931—Jamison Bros. to Mrs. Kate Weber, Channing
Lila's Elect of Pickford 153786—L. D. Kellogg to B. Smith & H. Blair, Pickford
Marshall's Premier of Trielm 138527—Burton T. Bates to Peter Scheuer, New Haven
Miss Rosalind's Rex 149108—Seymour S. Olin to M. E. Waling, Kalamazoo
Pride of Wheatland 153806—Francis Pape to E. C. McArthur, Millbrook
Sylvia's Demonstrator of Burr Oak 128682—A. M. Bosworth & Son to John Lindow, Chelsea

MINNESOTA

Absolute of Lone Pine 152139—A. C. Loring to Paul A. Vogel, Chaska
Althea's Cherub 142072—A. C. Loring to C. J. Theis, Shakopee
Blooming May's Anchor 150848—Hans Peterson to S. C. Lostegaard, Lansing
Buttercup's Radium of Fieldon 155109—Carl Wangen to Christ Odegard, Comfrey
Cherub's Kitchener of Luck 96565—A. E. Kuhnhem to Clarence Canon, Winnebago
Chief May Rose of Oakhurst 154393—W. H. Frey to Olaf Skoog, Akeley
Cruiser's Bud 155415—Henry C. Anderson to Winifred Anderson, Cannon Falls
Dave of Oak Lawn 138195—August Rentz to John Frank, Hewitt
Diamond of Eckvoll 148746—Bennie Vigen to Carl Hesse, Grygla
Dorothy's Pedro of Fairview 151090—Herman Strese to Adolph Ostlie, Lakeville
Duncan of Eagle Brook 149489—John E. Danner to J. H. Ricker, Elk River
Golden King of Sweeney's Farm 151258—R. A. Sweeney to Sidney Angus, Garfield
Goutilda's Champion 146701—Ole J. Anderson to W. S. Bradley & M. S. Quam, Brookpark
Hill's Joy King 155166—Robert A. Hill to Gus Ladebauhr, Lewiston
Johnson's Petty's Rex 136934—Dwight Green to Stanley Askrooth, Battle Lake
Laddie of Wildwood 146364—Ott Bros. to George Tavis, Albert Lea
Lady Book's Masher of The Pines 133322—R. T. Lindstrom to Herman P. Mehrkins, Red Wing
Maeser Farms Cherub 155226—Maeser Fur Farms, Inc. to W. M. Caswell, Pine River
Maple Hills Victor 122294—H. N. Best to A. S. Pufold, Jeffers
Maranda's May Rose's Governor 150849—Theo Lassen to Joe Wadhselbaum, Lakeville
Mavourneen May Rose King 149244—Theodore Lassen to George Brekken, Saint James
Moose Valley Searchlight 123554—J. B. McLeran to Carl Runke, Duluth
Oriental Liberty 143018—S. B. Wilson to William Rathkamp, Howard Lake
Penelope's King of Sunnyside 155456—E. J. Pegors to August Hiller, Granada
Prince Kigy of Island Beach 130221—O. H. Hatersbach to Ole O. Tollefsrud, Pine River
Princess' Dick of Fairview 151091—Herman Strese to Helmer Markeson, Lakeville
Rose's Pat 154170—George A. Pautzke to Reinhard Oestreich, Maple Plain
Sentry's Duke of Rosewood 145590—Carroll A. Gilman to Richard Runquist, Cokato
Sir Bozo 155077—William German to Fred Damman, Zumbrota
Wedgewood's Liberty Boy 154938—Frank F. Kellermann to William McFarlane, Alexandria
Yeksa's Dutch of Sunnyside 149744—Eustis B. Olson to Soren Peterson, Jr., Tyler

MISSOURI

Adam of Smithdale 155370—H. T. Smith to Lois F. Miller, Trenton
Elm Farm Marshall 141631—W. F. Fisher to C. W. Thomson, Slater
Imogene's Prince 154878—S. R. Marti to J. E. Funk, Windsor
Major's Robbie Maid's Prince 115994—Sam A. Hartzell to J. A. Sellars & Son, Lathrop
Williard of Bear Lake 155235—George Damken to Lloyd Little, Lewistown
Winsome Don 155164—Peter Cologna & Sons to C. R. Craghead, Auxvasse

NEBRASKA

Golden Vanity's Golden Cedric 111124—J. H. Becker to Fred W. Barney, Lincoln

NEW HAMPSHIRE

Breezy Mischief of Side Hill 155139—Annabell C. Secombe to Charles E. Frye, Wilton
Croftie's Brother 154329—D. P. Brown to Brown Company, Wentworth Location
Meadowland Benjamin 73843—E. H. Sargent to B. E. Lewin, Hanover
Nellie M.'s Ammi of Sunnyhurst 149483—William O. Dodge to Edwin H. Dodge, Bradford

NEW JERSEY

County's Walnut 155081—J. Harold Black to Gloucester County Farm, Clarksboro
Eastern King 114782—Bertha H. Day & Everett & Thompson to Hires & Featherer, Salem
Province Line Destiny 155502—Joseph Walter Miller to E. O. Brabston, Dayton
Royal of Friendship Farm 150757—Mrs. Charles Newbold Welsh to Hires & Featherer, Salem
Ultra's Royal Champion 155448—Bessie Henkens to William Duble, Yorktown

NEW YORK

Chop Suey Butter Boy 154879—Fred H. Roper to E. L. Preston, McDonough
Eva's Duke of Hazelmere Farm 151827—P. J. Hartz to Merton Hackett, Greene
Forestine's Lassie's Boy of Neu's Farm 139324—John S. Rich to Kate Natt, Palmyra
Goliath Sequel 155068—Fred Kline to Everett Mattice, Cornwallville
Jester's Peerless Prince 154388—Charles H. Arthur to J. A. Bishop & Son, Keeseville
Royal of Spring Forest Farm 155105—Toukey Bros. to Dana Krom, Vestal
Sam of Pleasant View 155300—A. D. Foster & Sons to William T. Martin, Lysander
Saugerties Sophronia's Ultra 142880—J. O. Winston to Walter S. Burn, Washingtonville
Stadacona Crusader 155414—Elizabeth Douglas to Walter Douglas, Chauncey
Tarbell Farms Claimant 151468—Gage E. Tarbell to Harry M. Springsteen, East Windsor
Terryberry Theudas 150881—Emmett Courtright to Bessie Albertson, Elmira

NORTH CAROLINA

Annaconda 155252—Est. Allan D. Ivie to W. P. Wray, Stoneville
Boss of Limerock 155071—A. A. Burgess to R. B. Crissman, East Bend
Majesty's Big Boy 155480—H. F. Sparks to J. B. & J. R. Safley & S. B. Taylor, New London
Masterful's Dale of Valkyrie 155242—Carolina Creamery Co. to J. B. Sawyer, Swannanoa
Rex Boy of Deer Lick 155392—R. F. Linville to J. W. Howell, Jefferson
Sequel's Billy Boy 139972—Vance E. Conrad to J. W. Pulliam, King
Skuggek Prince 125444—Walter D. Jessup to H. D. Voss, Leaksville
Valkyrie Sailor Boy 155241—Carolina Creamery Co. to J. S. Wells, Leicester
Wyona Itchen Major 155175—A. C. Jones to A. S. Fishel, Winston-Salem

NORTH DAKOTA

Carolina's Prince of Poskin 101463—O. P. Benson to L. E. Elliott, Watford City

OHIO

Ace of Linwood 146909—J. Dwight Dean to R. H. Ritchie, Bellville
Buttercup's Best Boy 153605—Bertram J. Dole to Clyde Hutchinson, Harrison
Cainlands Prize 153515—H. R. Penney to F. F. Cain, Columbus
Dolly's Benefactor of Grand View 142307—Guy H. Stafford to C. C. Slater, Columbus
Minnehaha's Warrior 155229—Irvin A. Miller to Clarence Emrich, Kingston
Ridge Manor Ultra Banner 155042—Kilcawley & Neubert to Ashtabula County Home, Kingsville
Ridge Manor Ultra Victor 155039—Kilcawley & Neubert to R. V. Carraher, Hartsgrove
Riverview's Valentine of Belmont 106049—Ervin Zeis to Curtis & Clair Kelley, North Baltimore
Warrior's Justice of Magaul 153557—R. M. Swank to Joseph Stuckhart, Trotwood

OKLAHOMA

Cooper's Demonstrator 150744—Tom Cooper to E. J. O'Neill, Ponca City

OREGON

Bright Mischief of Lenor Place 155500—Norwood C. Apperson to E. von Forrell, McMinnville
Deer Creek King Boy 154045—Kerr Bros. to T. J. Kerr, Hubbard
Mello-Lawn Oregon Cherub 143946—Ray L. Jenkins to Joseph Swearengin, Toledo
Paddie of Meadow View 155233—F. L. Owens to Roy Church, Tillamook
Prince's Pearl's King of Albany 148761—Harry E. Tucker to Martin Schneider, Scio
Rogueland's Majestic Star 155333—H. B. Howell to J. H. Mayfield, Lakeview
Waldo Hills Marshall 106330—Henry & Ernest E. Schrenk to Frank Dinges, Creswell

PENNSYLVANIA

Carlo Springer 144950—Frank J. Springer & Nettie W. Martin to M. H. Kelly, Smithton
Dimple King's Sultan of Bolton 129042—E. B. Morris to Harry W. Waterman, Newtown
Fannie's Ely of Ebensburg 155173—Est. Webster Griffith to Griffith Bloom, Ebensburg
Golden Chief of Bolton 145544—E. B. Morris to John Morrell, Sr., Bristol
Hero of Clem-More Farm 155079—Samuel McClements to Harper Leslie, Sarver
King of Powder Mill Bill 155451—E. L. Gilliland to Harry A. Nichlas, Conoquenessing
Linda's Guy 149985—Guy T. Howe to John J. Schroer, Harmonsburg
Mazola's Ne Plus of Fairview 155210—M. C. Buckingham to Vernon Bennett, Clearville
Red Banker 155273—J. H. Detwiler to Clarence Blazer, Centre Hall
Rose Bud's King of Sun Blest 155169—Irvan A. Boucher to Alvin Long, Blueknob
Ultra Prince of Blue Cross 155425—J. Chisholm to O. H. Stanford, Cambridge Springs

SOUTH CAROLINA

Gene-Doug's Lad 141469—E. H. Moses to J. M. Barnwell, Sumter

SOUTH DAKOTA

Frostilla's Prince of Towerlite 146766—George J. Hasse to J. W. Giesen, Faulkton
J. R.'s Star Pet 129399—Earl Emmert to Nergar & Zochert, Webster

TENNESSEE

Lily's King of Cedar Lawn 155282—George Konrad to J. H. Broach, Puryear

TEXAS

Gayoso Sir Elsax 155084—Gayoso Farm to A. F. Harborth, Sequin
Mignonette's Danny of Fern-Dell 144449—Mort Woods to B. O. Bertrand, White Deer
Ranger's Cream Boy of Frying Pan 94598—James A. Bush to Frank Wolflin, Amarillo
Rose Prevosts' King of Amarillo 138487—James A. Bush to R. W. Crawford, Bushland

VERMONT

Diamond of Whitingham 155161—George E. Tyler to N. J. Flynn, Whitingham
Eros' Fred of West View 122793—Theron E. Miller to Thomas Brocher, East Hardwick
Roughwood Pal 151236—Ernest B. Dane to M. E. Towle, Saint Albans

VIRGINIA

Amiable Dirigo of Brookwood 155231—James W. Graves to S. A. Sneade, Rawlings
Anita's Bat 154634—Est. J. Carlton Courter to A. T. Kerr, Clayville
Benton's Lamont 150095—Daniel C. Sands to W. G. Fletcher, Upperville
Benton's Ralph 147718—Daniel C. Sands to Ebenezer Compher, Round Hill
Benton's Ulan 136245—Daniel C. Sands to L. E. Williams, Berryville
Billy Boy of Spring Creek Farm 147950—J. C. Phillips to J. Omohundro, Maplegrove
Jecara Gray Boy 102053—R. H. Gray to W. D. Stephenson, Rappahannock
Jim Over The Grass 151574—Oliver D. Filley to T. E. Herrington, The Plains
Maskfield King 154876—Eli P. Delano to A. B. Mallory, Warsaw
Midview's George 155337—A. Mistr & Sons to A. J. Rusnak, Prince George
Midview's Randolph 155336—A. Mistr & Sons to Henry Bendix, Dumbarton
Proud Knight's Lark 155402—E. Baker Pyle to R. S. Showalter, Dale Enterprise
Proud Knight's Sequel 155401—E. Baker Pyle to R. S. Showalter, Enterprise
Sir Hurburt of Sherwood Forest 154884—Mrs. G. M. Harrison to F. E. Omohunder, Maplegrove
Valor's Virginian 155358—J. C. Penney-Gwinn Corporation to Rosewell Page, Ashland
Wright 155177—Julia E. Wheelwright to R. D. Cannady, Ettricks

WASHINGTON

Glow of Rainier View 155422—A. O. Johnson to Joe Temus, South Prairie
Red Bridge Bold Lad 154152—Howard Detering to J. A. Bakkila, Deep River
Remus of Scudder Ranch 154691—Mrs. Julia R. Scudder to P. E. Burnett, Sunnyside
Toreador Triumph 149337—Mrs. L. Perkinson to Francis E. Clark, Oak Point
Vicar of Rainer View 155421—A. O. Johnson to W. A. Fox, Buckeley

WEST VIRGINIA

Overland Holden George 151695—W. S. McBane to A. C. Kimble, Grantsville

WISCONSIN

Adventurer of Nekoosa 155371—E. & E. Kronholm to Christ Ballermon, Nekoosa
Bonnie Lad of Corning 141796—Edward Mendel to H. F. Lutzke, Merrill
Cherub's Buddy of Guernsey Hill 148245—Arthur G. Laabs to Robert Baeseman, Edgar
Cliff of Elmwood 147129—A. P. Bean to Louis Schertz, Stratford
Corita's Prim of White Plains 154993—J. B. Keeney to E. N. Waite, Elkhorn
Cyrus of Mineral Point 130657—Le Roy Grunenwald to J. A. Vincent & Son, Lancaster
Dad's Boy 152810—Jesse J. Lewis to William Hunt, Reedsburg
Delight's Buoy of Tilden Farms 154933—S. A. Ingersoll to A. J. Van Dreser, Fontana
Dick Boy of Orchid View 153344—W. F. Retzlaff to H. C. Ludwig, Union Center
Dungarvan Dairy Maid's Raider 155276—Lawrence M. Finley to A. P. Bringe, West Prairie
Earl of Native Grove 155103—Gladys Mautner to Alfred A. Bergwin & Son, Ladysmith
Elaine's General Peck 135390—George D. Telfer to H. H. Duessler, Elkhorn
Fair View Border Chief 142675—Peter Krings to Oscar Alms, Spring Valley
Fair View Royal Border 153644—Peter Krings to C. J. Morrow, River Falls
Fascination's Sunbeam's Wonder 143021—John N. Roeder to Victor Nicoski, Gilman
Herbert of Brookside 155207—C. F. Dow to Louis Teigen, Glenwood City
Hope's King of Elmwood 151131—A. P. Bean to Mrs. Herman Heizberg, Arpin
Itchen's Masher of Poulterfarm 147314—Ole Rolla to Fred Flash, Cumberland
Ivy's Ivanhoe 155452—J. C. Peabody to John Schreber, Hersey
Jehu Saxe 155360—Wayne A. Munn to John Wiske, Janesville
La Belle's Defiance 137243—S. G. Courteen to Paul Hubner, Oconomowoc
Lindenhurst Pet's Warrior 149127—Ernst E. Lehmann to Elmer I. C. Schwoch, Chelsea
Madeline's Lindberg of Cottonwood 144135—L. D. Fowell to Lloyd Drake, Viola
Nette of Fisk Creek's Son 155438—Charles A. Willis to J. C. Peckham, Mason
Ora's Washington 151659—Harvey Marshall to Joe E. Stanek, Hillsboro
Prince Bob Roy of Good Hope 154928—Fred C. Hansen to William F. Toay, Barneveld
Prince Progress of Halberdale 154937—J. H. Halbert to George Tollefson, Osseo
Queen's Jumbo 144029—Gust A. Kinzler to John Guethlein, Baraboo
Sam of Edgewater Home 152590—Eugene Steinaker to William C. Balch, Hanover
Sitting Bull of Riverside 154652—Richard Jones to S. G. Hulbert, Richland Center
Star Gazer of the Valley 155020—Henry Hamburg to William Dewars, Ableman
Starlight of Edelweiss Farm 155201—Imbach Bros. to Averky P. Cosheluk, Lublin
Sunny Mead's General 117360—Ludvig Alton to John Barta, Rice Lake
Taxpayer's Billy 148667—Henry Steinhoff to Henry Bremer, Norwalk
Tricksey's Hyerland 155420—Frank Schroeder to Fred R. Bergman, Gleason
Wetzel's Warrior Echo 155038—George F. Wetzel to E. L. Sandleback, Bridgeport

WYOMING

Interlochs Victor 85070—T. C. Hayworth to Roy H. Feusner, Greybull

FOREIGN

Rambleton Buddy 138743—H. L. Tinkham to James Horsfall, Annapolis Royal, Nova Scotia
Topsy Boy's Raymond 155031—G. W. Stroupe to L. Boido, Magdalena, Mexico

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COWS

CALIFORNIA

Madzeska of Esmeralda 260277—G. T. Drinkwater to Charles E. Shattuck, Los Angeles
Radiant's Rose Bud 264599—M. R. Wilcox to Leland G. Wilcox, Whittier
Roselawn's Alice 229037—G. F. Blackwood & A. G. McIntosh to Joe Alvarado, Carlsbad

COLORADO

Josephine's Rose of Elwell 194963—Harry T. Carlson to S. B. Madden, Niwot

CONNECTICUT

Swastika of Oaklawn 149128—John R. Gladding to Fred P. Lapierre, Thompson

GEORGIA

Guernsey Hill Dot 263964—M. C. Ball to Mrs. Will Watkins, Forest Glen
Guernsey Hill Edna 260735—M. C. Ball to Mrs. Newton Watkins, Forest Glen
Susie Belle of Davis Farm 228164—L. C. Fischer to Marion Howell, Ball Ground

IDAHO

Margaret of Mountain View 87309—T. B. Price to F. D. Van Amburg, Gooding

ILLINOIS

Bell Dora of Bear Lake 263300—George Damken to Roy C. Mays, Bloomington
Darling Maple Jean 224750—Kenneth Claypool to L. N. Hollowell, Danville
Flapper of White Plains 259977—J. B. Keeney to Albert Risley Harris, Grant Park
Lily's Bridesmaid 185198—Emmett Foster to Clyde Fife, Harrisburg
Magnet's Ruby 74930—Louis Oltrogge to L. W. Popp, Chicago
Olive of Three Springs 192780—David D. Ehredt to Mitchell & Bleakley, Elizabeth
Principia's El Louise 262004—John S. Vaughan to Wallace W. Barracks, Villa Grove
Principia's Ultra Queen 219379—John S. Vaughan to Wallace W. Barracks, Villa Grove
Ruby of Hillside 126114—Est. D. S. Bleakley to H. J. Bawden, Woodbine
Ultra Golden Rose 256766—Michael Minnehan to Mrs. J. J. Wilson Grimes, Chicago
Ultra Rose of Lake Geneva 215742—Michael Minnehan to Mrs. J. J. Wilson Grimes, Chicago

INDIANA

Bell of Silver Brook 264402—George Damken to Augustus C. Ogden, North Manchester
Dot of Little Grove 264595—Philo Wildman to Don Clark, Wingate
Flora Queen of Little Grove 225015—Philo Wildman to Clifford F. Andrews, New Richmond
Irma of Waldwic 222266—J. R. Pattee to Helena Paddack, New Ross
Mary Lou of Simeton Creek 220889—George Damken to Augustus C. Ogden, North Manchester
Primrose of Bercado Farms 98484—Ada R. Barnes to Frank Strantz, Mishawaka
Snow of Loretta Farm 205483—Ada R. Barnes to Albert Winkel, Granger
Wood Lawn Monarch's May Belle 264909—O. H. Mills to Maurice H. Routon, Indianapolis

IOWA

Sig's Polly Daisy 223258—R. D. Mayer to Harold H. Hymans, Hull

KANSAS

Cherry Girl of Erdale 233521—Louis C. Erdman to Francis Moser, Hanover
Dolly's Roberta 228353—Will Northey to Will Olson, Delphos
Edna Ellendale 228352—Will Northey to Will Olson, Delphos
Gayhead's Butter Beauty 231056—George M. White to Nathan L. Jones, Salina
Gayhead's Butter Maid 231058—George M. White to Nathan L. Jones, Salina
Gayhead's Verbena 187831—George M. White to Nathan L. Jones, Salina
Hilda of Maple Beach 247948—William R. Boese to Edward H. Schroeder, Hanover
June of Maple Beach 247949—William R. Boese to Raymond J. Schroeder, Hanover
Oak's Fancy 257480—George H. Silverwood to Charles Lagasse, Rice
Quoin's Star 257479—George H. Silverwood to Charles Lagasse, Rice

KENTUCKY

Marguerite's Rosetta 264342—Anton Faulhaber to George Vater, California

MAINE

Hilda Marshall 2d 150106—S. G. Wetmore to George Pilsbury, Oquossoc
Northview's Fawn of Armydeer 264820—A. M. & R. O. Deering to O. L. & W. A. Wyman, Rumford
Pearl of Armydeer 116222—A. M. & R. O. Deering to O. L. & W. A. Wyman, Rumford
Zola May 214567—Guy H. Billings to Paul W. Kelley, East Machias

MARYLAND

Kittie Marie's Golden Betty 171294—Alice M. Metzger to Howard Huffer, Middletown
May Rose Jennie of Line Oak 262785—Jennie Carlisle to Dorothy F. Redding, Street
Priscilla Queen of Line Oak 262784—Jennie Carlisle to William V. Reading, Street

MASSACHUSETTS

Bucklin's Belanda 217853—W. S. Bucklin to Elliot P. Joslin, Jr., Oxford
Bucklin's Bettina 171702—W. S. Bucklin to Elliot P. Joslin, Jr., Oxford
Daisy of Linda Vista 226689—Evelyn E. Smith to Albert F. Hayden, Manomet
Dunollie Rover's Dolly 264281—A. F. MacDougall to Dorothy Heywood, Westford
Langwater Melody 2d 133213—F. N. Le Baron to W. P. Whittemore, West Roxbury
Sentry's Belle of Linda Vista 118170—Evelyn E. Smith to Albert F. Hayden, Manomet
Sylvia's Lassie 89407—S. M. Merrill to Mrs. John G. Coolidge, North Andover

MICHIGAN

Bravo's Queen 201258—Arthur R. Baerman to William M. Framke, Montague
Elenor's Betty of Pleasant View Farm 234618—A. M. Bosworth & Son to John Lindow, Chelsea
Elenor's Rosalie of Pleasant View Farm 210509—A. M. Bosworth & Son to John Lindow, Chelsea
Elizabeth of Walter Phipps Farm 159627—Fred C. Holbeck to Samuel N. Rickel, Glennie
Irene Merton Hopewell 182182—F. G. Briggs & Sons to Claude Blackman, Galien
Kitty's Beauty of Oak Grove 264586—William Koebel to Reinhold Damaske, Saint Joseph
Marie's Jean of Pleasant View Farm 234619—A. M. Bosworth & Son to John Lindow, Chelsea
Molly of Ballard Farm 167244—Ballard Bros. to Leo Bergman, Coloma
Nellie Nerio 67159—W. A. Fisher to Ben Donaldson, Rochester
Princess Elenor of Maple Grove 105228—A. M. Bosworth & Son to John Lindow, Chelsea
Queen of Maple Knoll 180188—E. L. Kline & Son to Peter E. Wickman, Owosso
Riverside Rosedrop 196268—Edward Goff to F. W. Hertrich, Flint
Studley's Hope 257031—J. R. Studley to C. W. Sherman, Elm Hall

MINNESOTA

Alice Rose of Maplewood 260696—Victor Steele to Wilmer Enger, Jasper
Amaza's Beautiful Rose 129343—H. N. Best to A. S. Pufold, Jeffers
Ann of Green Acres 254552—R. B. Shepard to D. A. Kinneberg, Saint Paul
Charming's Lady of Village Farm 217643—A. C. Loring to C. J. Theis, Shakopee
Governess Virgil of Waconia 2d 153325—Andrew Fuglsang to George Brekken, Saint James
Madam La Paloma 264128—William German to F. W. Buck, Goodhue
Marion's Aqualine 198619—Florian Seifert to Peter Prokosch, New Ulm
Martha of Green Acres 251955—R. B. Shepard to D. A. Kinneberg, Saint Paul
Mary Ann of Clear Acres 264872—Edgar F. Johnson to Paul Tompkins, Wigwam Bay
Mollie of Harrisondale 148116—Glen M. Dwelle to A. V. Stamschor, Wabasha
Pearl of Villa Park Farm 263123—M. M. Archdale to W. Stanley Oberg, Chisago City
Queen Ruth of Moose Lodge 177858—P. A. Wells to Joseph Brault, Akeley
Violet of Villa Park Farm 263124—M. M. Archdale to W. Stanley Oberg, Chisago City

MISSOURI

Mayflower's Pet of Prairie Mound 108132—F. A. Daniels to F. S. Zimmerman, Marshall
Tristina of Prairie Mound 130427—Clayton A. Daniels to F. S. Zimmerman, Marshall
Tristina's May 220349—Clayton A. Daniels to F. S. Zimmerman, Marshall

MONTANA

Tostevin's Lassie 154107—A. H. Wente to V. F. Odell, Lewistown

NEW HAMPSHIRE

Lady Strongheart 51466—Annabell C. Secombe to Charles E. Frye, Wilton
Rabbit Hills Moira 188690—E. M. Bray & Son to Gilbert Savage, Lancaster
South Hill Lass 213189—Chester A. Champney to Gerry M. Morse, Manchester

NEW JERSEY

Abbeyleix Adieu 212778—Mrs. Charles Newbold Welsh to Hires & Featherer, Salem
Abbeyleix Beatrice 170790—Mrs. Charles Newbold Welsh to Hires & Featherer, Salem
Benton's Alice 125739—Daniel C. Sands to Hires & Featherer, Salem
Coventry Blue Bell 112256—Joseph Walter Miller to Harry F. Meyers, Skillman
Diana Manners of Mt. Pleasant Farm 166757—Tilghman G. Pitts to Hires & Featherer, Salem
Evergreen Itchen Olga 226102—Courtland H. Smith to Hires & Featherer, Salem
Gerar Rutila 195037—E. Gittings Merryman to Hires & Featherer, Salem
Grassland Lilla 118952—Joseph Walter Miller to Harry F. Meyers, Skillman
Grassland Violetta 118898—Joseph Walter Miller to Harry F. Meyers, Skillman
Grassland Youdena 118900—Joseph Walter Miller to Harry F. Meyers, Skillman
Honor of Holly 129240—Joseph Walter Miller to Harry F. Meyers, Skillman
Lyndale Polly 245559—J. Leslie Young to Allan MacKenzie, Belmar
Mercy's Upland 173847—John A. Ensor to Hires & Featherer, Salem
Province Line Irina 202906—Joseph Walter Miller to Harry F. Meyers, Skillman
Province Line Queen 151245—Joseph Walter Miller to Harry F. Meyers, Skillman
Province Line Youdella 202905—Joseph Walter Miller to Harry F. Meyers, Skillman
Siren of Knollwood 117280—T. U. Dudley to Hires & Featherer, Salem
Spotswood's Poppy 95345—Richard V. Lindabury to C. B. Mitchell, Far Hills

NEW YORK

Adalaid of the Mansion 2d 141744—F. C. Anderson to S. E. Frier, Carthage
Blossom of Manoa's Aster 170922—Mrs. Elbert H. Gary to John S. Coles, Syosset
Cassandra of the Mansion 2d 140728—F. C. Anderson to O. Hoboleigh, Black River
Daisy of the Mansion 192564—F. C. Anderson to C. Bezanilla, Carthage
Daisy of the Mansion 2d 253992—F. C. Anderson to C. Bezanilla, Carthage
Doris of the Mansion 193545—F. C. Anderson to Thomas J. Cain, Sterlingville
Dorothy's Maid of the Grove 264562—George N. Miller to Anthony A. Bockmill, Red Hook
Glenwood Martha's Nerisa Van 264C00—L. H. Burnett to Elmer Van Riper, Seneca Falls
Jan of the Mansion 2d 255549—F. C. Anderson to John Burrows, Black River
Julia of the Mansion 2d 209158—F. C. Anderson to Martin J. Conroy, Carthage
Martha of the Mansion 2d 222854—F. C. Anderson to Thomas J. Cain, Sterlingville
Poplar Bernice 216125—L. G. Stainton to Charles Smallwood, Warsaw
Queen May of the Mansion 253990—F. C. Anderson to Martin J. Conroy, Carthage
Queen's Lula Mae 262859—Belle M. Coursen to Ralph Reese, Pine City
Rachel of the Mansion 231041—F. C. Anderson to John Burrows, Black River
Roxie of the Mansion 155010—F. C. Anderson to Frank Burrows, Felts Mills
Sadie of the Mansion 253991—F. C. Anderson to Eugene Conway, Black River
Spruce Lawn Golda 263294—Belle M. Coursen to Ralph Reese, Pine City
Valentine Naundas Collette 264651—Jay J. Wilcox to Elbert L. Burdick, Alfred

NORTH CAROLINA

Melva Rose 123454—Vance E. Conrad to O. E. Shouse, Winston-Salem
Valkyrie Hazel 176907—Carolina Creamery Co. to W. A. Buckner, Asheville
Wyona Ultra Lady 264288—A. C. Jones to F. W. Tesh, Welcome

NORTH DAKOTA

Fairdale Pollyan 221293—Martin Teigen to Mathew Weber, Havana
Glendale Rosamond 149849—Albert Larsen to Mathew Weber, Havana
Luella's Pride of Pelican Valley 201551—Leslie Swanson to H. A. Hendrickson, Colfax

OHIO

Africander's Belle 146057—Thomas Pittenger to Floyd Baxter, Toronto
Agnes of Maple Front 224355—H. N. Patterson to Mrs. Laura Hickle, Cumberland
Aigler Farm Duchess 230947—R. J. Aigler to Harry McClellan, Lancaster
Aigler Farm Ultra Pauline 230946—R. J. Aigler to Harry McClellan, Lancaster
Bountiful Lassie of Linwood 226675—J. Dwight Dean to C. Baker, Fredericktown
Carol of Longlane Farm 196095—F. A. Waffle to J. C. Burtner, Wooster
Cherry of Wickliffe 217429—E. R. Betzer to R. O. Bowman, Medina
Clairvoyante's Fannie of Maplecrest 130724—Edward Witschi to J. W. Underwood, Steubenville
Daisy's Jewell of Vale View 226449—Homer E. Williams to I. F. Bricker & Son, Shelby
Ethel's Rossetta 184394—C. H. Campbell to Jacob H. Caldwell, Chillicothe
Fernlad's Buckeye Girl 142362—H. N. Prettyman to Carl Firstengeeber, Caledonia
Glow's Jewel of Gazelle 145387—E. E. Snyder to H. B. Stewart, Hartville
Goldseeker's Emma of Oak Lawn 215706—W. S. McBane to J. W. Underwood Steubenville
June's Rose of Bon Mead 146668—Lucinda Mason Lodge to J. W. Underwood, Steubenville
Lila of Oak Grove 73855—W. P. Whittier to W. W. Brundige & Sons, Worthington
Lily's Helen of Glenova 245395—E. L. Cope to W. W. Wallace, Columbiana
Lucinda of Long Acre Farm 261914—Fred Cake to Martin Richie, Van Wert
Mary Chilton of Shady Side 63812—G. L. Breese & Son to Edward Stauffer, Spencerville
Milford's Ultra King's Lady 134590—W. G. Udell to C. L. Ford, Seville
Raider's Surprise of Myrna Maree Farm 2d 182582—T. W. Hasness to G. F. Mason, Lisbon
Viola of Glencara 254795—Werner Witschi to J. W. Underwood, Steubenville
Viola's Raider's Thelma 264414—Werner Witschi to J. W. Underwood, Steubenville
William's Pride of Buena Vista 229305—Edward Witschi to J. Dwight Dye, Broadacre
Yeksa's Primrose of Cedar Lane 188245—J. S. Yoder to Harry McClellan, Lancaster

OREGON

Flossie's Pittysing 221039—R. J. Patton to A. S. Mowbray, Eugene
Georgette of Silver Crescent 159051—Greenman & Son to C. C. Marklund, Gresham
Imogene Joie 193632—R. J. Patton to T. C. Thomson, Springfield
River Banks Flossie 166846—R. J. Patton to T. C. Thomson, Springfield
River Banks Victor's Beauty 150136—C. E. Logsdon to George & May Fields, Provolt

PENNSYLVANIA

Babe's Beauty 101546—C. G. Matthews to W. A. Hickman, Canonsburg
Bell Silverleaf 234004—Grant Minich to Leo G. Minich, New Bethlehem
Bertha's Flossie of Meadowbrook 201807—J. E. Shook to J. H. Seanor, New Alexandria
Bonnybrook Roxie 264100—Est. W. L. Barclay to Mrs. H. T. Janney, Montoursville
Elsie Purism K. 264492—J. H. Detwiler to Clarence Blazer, Centre Hall
Eula Industry of Rose Bud 246912—Louis W. Stainbrook to Mildred Stainbrook, Cambridge Springs
Evelyn Silverleaf 263838—Grant Minich to Leo G. Minich, New Bethlehem
Fain Fashion Centre 227436—J. H. Detwiler to Clarence Blazer, Centre Hall
Fairview May 264488—Orton Hough to Lawrence L. Laney & Sons, Huntingdon
Fanny's Flapper of Slate Hill 264344—James H. Handley to W. F. Huffman, New Alexandria
Fanny's Pride of Slate Hill 245022—James H. Handley to W. F. Huffman, New Alexandria
Florham Fanny 105894—James H. Handley to W. F. Huffman, New Alexandria
Golden Hoope of Sprucehurst Farm 201471—C. V. Baker to C. Wagner & Son, Tamaqua
Golden Zenna 135467—Charles Trice to John Bash, Pleasant Unity
Indian Girl of Guernsey Hill 184252—Louis W. Stainbrook to Bertha Stainbrook, Cambridge Springs
Jean's Star of the Rowe Farm 248754—Lester E. Rowe to F. J. Whitmer, Van
Jessie True 64312—Grant Minich to M. D. Hartman, Mayport
Kelso's Beauty 263869—Mrs. Charles P. Davis to George A. H. Jackson, Malvern
Lady Nancy of Green Valley 243746—E. R. Lindner to Lott E. Bechtel, Lewisburg
Lil's Fern of Southern Slope 260940—C. G. Matthews to William E. Woods, McDonald
Manoa's Fairy Queen 161952—H. Wilson Wheeler to H. Bennett Coates, Nottingham
Maples's Princess 179226—H. Wilson Wheeler to H. Bennett Coates, Nottingham
Margie Ann of Greenwood Farm 218256—Jesse Boyer to George W. Huerer, Fairview Village
Mary Jane of Sun Blest 264282—Irvan A. Boucher to Elizabeth G. Boucher, Beaverdale
Maywood Meddlesome 139887—Gilbert Herkness to Lowell Gable, Paoli
Mazie True 80589—Grant Minich to Leo. GMinich, New Bethlehem
Nebil Bates 179508—Gilbert W. Fleeger to G. M. Patterson, Butler
Nettie Coate of Flora 149767—H. J. Phillips to Charles Johnston, Greensburg
Pet True 182555—Grant Minich to Leo G. Minich, New Bethlehem
Phoeby True 263837—Grant Minich to Leo G. Minich, New Bethlehem
Pinkey of Southern Slope 213119—C. G. Matthews to Tattie Schriver, Waynesburg
Pollyanna of Mill Creek Valley Farm 250955—J. E. Robinson to Charlotte Robinson, Brockway
Polly Silverleaf 234005—Grant Minich to Leo G. Minich, New Bethlehem
Purism Fashionless 264489—J. H. Detwiler to Clarence Blazer, Centre Hall
Purism's Heiress at Law 264490—J. H. Detwiler to Clarence Blazer, Centre Hall
Purism's Vanity 264493—J. H. Detwiler to Clarence Blazer, Centre Hall
Sally Silverleaf 263839—Grant Minich to Leo G. Minich, New Bethlehem
Select Cora O. 264491—J. H. Detwiler to Clarence Blazer, Centre Hall
Spot of Southern Slope 164846—C. G. Matthews to T. B. Brown, Jr., Burgettstown
Spot's Daisy of Southern Slope 256618—C. G. Matthews to William E. Woods, McDonald
Sylva's Bess of Southern Slope 261986—C. G. Matthews to William E. Woods, McDonald
Twilight True 147915—Grant Minich to Leo G. Minich, New Bethlehem
Ultra Fashion 197955—J. H. Detwiler to Clarence Blazer, Centre Hall
Yeksagirl's Yeomanette 242068—L. W. Robinson, Jr. to A. Katherine Kerr, Parkwood

SOUTH CAROLINA

Powhatan's Bonnie Bell 225988—S. W. Epps to Mrs. Willie Bardin, Cameron

TEXAS

Betty Ann of Wern Farm 264663—D. L. Williams to R. T. Foster, Groom
Claretta's Callie of Angra 152498—Mort Woods to Mrs. M. W. Hovenkamp, Fort Worth
Filpail-Canary of Wern Farm 264664—D. L. Williams to R. T. Foster, Groom
Florrie of Primrose 198475—Mort Woods to B. O. Bertrand, White Deer
Mabel-Lee of Wern Farm 264662—D. L. Williams to J. J. Holcomb, Panhandle

VERMONT

Emerald's Pet 149892—Robert Alfred Shaw to Harlan Miller, Arlington
Foxglove of Emerald 253241—Robert Alfred Shaw to Harlan Miller, Arlington
Joan of Emerald 178246—Robert Alfred Shaw to Harlan Miller, Arlington
Lady Jewel of Brandon 264733—L. F. Martin & Son to Floyd D. Martin, Brandon
Phyllis Ann 137237—J. H. Mussey to P. W. Green, Stockbridge
Roselyn of Emerald 216826—Robert Alfred Shaw to Harlan Miller, Arlington
Rowena of Monsetvallis 264401—Ralph E. Burroughs to Scott Thomas, Norwich
Tweed River Violet 110325—J. H. Mussey to P. W. Green, Stockbridge
Woodbine's Daisy 111049—J. H. Mussey to P. W. Green, Stockbridge

VIRGINIA

Aimable of Sweet Maggie 138404—C. E. Carson & Bro. to Warren S. Corning, Appomattox
Fox View Grape Vine 263205—F. W. Sharp to Mrs. Stuart E. Brown, Warrenton
Lady of Onawan 200119—J. C. Bowman to Howard McCary, Penn Laird
Lillie May of White Oak Farm 210861—C. E. Carson & Bro. to Warren S. Corning, Appomattox
Nina Dandelion 169652—Wess Holmes to R. E. Daniel, South Hill
Queen's Maid of Mapleton 166340—D. E. Shank to C. C. Vaughan, Jr., Franklin

WASHINGTON

Amy's Light Foot 166442—Charles V Wadham to James C. Devine, Alderton
Fernwood's Carrol 264328—Willis & Clarke Chambers to Nicholas Heuhslein, Sequim
Nanum Beauty 184105—Fred C. Drake to Anita Lesh Phillips, Tieton
Nanum Dot 223508—Fred C. Drake to Anita Lesh Phillips, Tieton
Winnie Mae of Sunnyside Farm 264655—Harvey Galbraith to Peter Holte, Mount Vernon

WISCONSIN

Alice Genevieve 163462—H. D. Thomas to Whitewater Canning Co., Whitewater
Almira Rilma of Lynn Creek 89956—Joe Harris to Howard H. Cramer, Dousman
Bonnie Biddle of Clover Lands 162907—Joe Kaskey to Mrs. Kate Sanderson, Menomonie
Bonnie Biddle's Emma 263249—Joe Kaskey to Mrs. Kate Sanderson, Menomonie
Bonnie Biddle's Frisky Girl 234104—Joe Kaskey to Mrs. Kate Sanderson, Menomonie
Chequamegon's Eileen 169429—Charles A. Willis to J. C. Peckham, Mason
Cherub's Norma of Guernsey Hill 253360—John Hetts to W. A. Shelhamer, Loyal
Duchess of Glencoe 102343—John E. Stults to Carl Kanney, Holcombe
Economy Queen 143946—George P. Stevens to John W. Gasper, Tomah
Golden May of Crystal 264563—Joseph Mautner to Conrad Thiemann, Bruce
Joyce of Elderbrook 148263—George P. Stevens to John W. Gasper, Tomah
Kremo's Eileen of Fish Creek 264859—Charles A. Willis to J. C. Peckham, Mason
Kremo's Pride of Fish Creek 232642—Charles A. Willis to J. C. Peckham, Mason
Lasswade Doris Bell 204823—Roy G. Stubbs to M. J. Larsen, Elroy
Laura of Tyranena 161392—H. D. Thomas to Whitewater Canning Co., Whitewater

Mayflower of Fish Creek 242143—Charles A. Willis to Charles Durr, Iron River
Miss Columbus of Maple Side 206820—Howard Bartlett to Lewes E. Jones, Prescott
Nette of Fish Creek 243979—Charles A. Willis to Charles Durr, Iron River
Panchita Tillybardin 180918—Joe Kastenmeier to Herman Bilke, Beaver Dam
Percia's Blossom of Peshtigo Valley 225713—Nelly N. Rasmussen to J.L. Lehman, Berlin
Proud Prince's Beauty 240229—Roy G. Stubbs to M. J. Larsen, Elroy
Proud Prince's Rosalie of Chippewa 158666—Roy G. Stubbs to M. J. Larsen, Elroy
Stranford's Eileen of Fish Creek 232643—Charles A. Willis to J. C. Peckham, Mason

WYOMING

Katy Jane 228053—T. C. Hayworth to Roy H. Feusner, Greybull
Victor's Eva May 202573—T. C. Hayworth to Roy H. Feusner, Greybull

FOREIGN

Rambleton Gloria 261179—H. L. Tinkham to James Horsfall, Annapolis Royal, Nova Scotia, Canada
Rambleton Glory 193504 (Imp.)—H. L. Tinkham to James Horsfall, Annapolis Royal, Nova Scotia, Canada

English Guernsey Cattle Society

(Continued from page 17)

R. H. Brittain		
Lord Roberts 5th of Rusper	65	325
Elmhurst Trading Company		
Woodland's May Day	110	550
W. R. Greenshields		
Shiwa Brilliant's Governor	70	350
Sir James Hill		
Hindhead Vanity's Ashburton	110	550

The sixty head brought an average of sixty-six pounds and five shillings ($321.96), or a total of 3,977 pounds and eight shillings ($19,330.14). Fifty females brought an average of sixty-seven pounds, eleven shillings and one pence ($328.28), or a total of 3,377 pounds and seventeen shillings ($16,416.30). Ten bulls brought an average of sixty pounds ($291.60), or a total of 599 pounds and eleven shillings ($2,913.78).

The London Dairy Show

THERE is never a very large entry of Guernseys at the great London Dairy Show compared with the other dairy breeds. However, if the number was not great, the quality was there.

Only four cows were shown in the senior class, and here R. Pearce Gould led the way with his thrice milker, Froomes Isabel 2nd, a dairy-like type of matron by Valentine of Vimiera. In her test she gave 70.4 pounds of milk and well deserved her place at the head of the class. The blue rosette went to Southern Starette by Donnington Charmant 5th and owned by Lord Remnant. She is a long, deep cow of good dairy capacity and good udder. She gave 117.2 pounds of milk, and secured the Stagenhoe cup for the Guernsey cow securing the greatest number of points. Third place was won by Hadham Golden Cloud 8th, owned by the Misses Hargreaves. She had a good bag and gave 98.3 pounds of milk.

The class for four year old cows was a stronger one and there was an outstanding winner in Calehill Dewdrop, from the herd of A. Chester Beatty. This great winner is by Lynchmere Lord Roberts 13th, a very impressive type of sire, and recently was first at the Birmingham Dairy Show. While she has been first in her class and reserve champion at the Royal Show at Nottingham and been exhibited seven times, during the course of two years, she has never known defeat. At the pail she gave 87.3 pounds of milk, and won the extra inspection prize. She was reserve champion for the Stagenhoe cup and was a thrice milker.

Second in this class was a cow that was milked twice daily, Westfield Rowanberry, from the herd of Mrs. J. Sutcliffe Pyman. She was a lovely type of dairy cow by Golden Sequel of Westfield, and at the pail during her test she yielded 79.9 pounds of milk. Third place was filled by Nazeing Marigold 3rd, owned by the Misses Hargreaves. She is by that good stock bull, Downe Star of Honeymoon, and gave 74.5 pounds of milk, thrice milking.

In the heifer class there was another small entry, but here Mrs. Sutcliffe Pyman had an outstanding animal in Hindhead Patricia 3rd, that won easily. She had never been shown before, but made an excellent debut to what should prove, with any luck, a good show career. At the pail, and twice milked, she gave 64.6 pounds of milk. Ringwould Graceful, owned by Captain J. E. Monins, placed second. She is well bred and dairy-like with a good bag, giving 79.9 pounds of milk. A good third was Nelly's Pride of the Blanche, from the herd of R. Pearce Gould. She gave 66.7 pounds of milk.

In the butter trials, Calehill Dewdrop led with two pounds, three and three quarters ounces, while in the milking trials Southern Starette led with 117.2 pounds of milk. In the bull progeny class Downe Star of Honeymoon, owned by the Misses Hargreaves, led the class.

Collective Show and Sale of Guernseys

MESSRS. Thimbleby and Shorland held their annual show and sale of Guernsey cattle at Reading recently. This year there was an excellent consignment of eighteen imported cows and heifers from the Island. Top price of the day was 100 guineas ($500) paid by E. R. Debenham for the imported heifer, Daisy of Camp Joinet, from the herd of W. Mauger.

The chief prices and purchasers follow:

	Guineas	Dollars
L. Baron		
Hockley Princess Mary	58	290
Princess Victorine	51	225
Reverend E. Harold-Barry		
Red Rose of High View	47	235
R. G. Campbell		
Jessamine des Forgettes	65	325
E. R. Debenham		
Ely Dairymaid	90	450
Taylor's Maisie 2nd	45	225
Hockley Myrtle 2nd	47	235
Violet Jess 2nd	75	375
Daisy of Camp Joinet	100	500
Major G. Huth		
Rose's Lassie	58	290
Lily of the Villocq	45	225
J. Turberville Smith		
Ladock Posy's Pride	48	240

Thirty-seven cows and heifers brought a total of 1,594 pounds and nineteen shillings ($7,751.40), an average of forty-three pounds, two shillings and two pence ($209.50).

The herd of Henry Buchanan, Denison, Iowa, in pasture

Secretion of Milk

(*Continued from page 9*)

rupture of the cell membrane at the tip of the cell facing the lumen and thus discharges the fat globules and other constituents. The latter explanation falls in line with some of the other observations and has been accepted by the writer provisionally.

It will be observed that from the standpoint of the individual secreting cell, milk secretion runs in cycles first a period of manufacture or synthesis, second a period of discharge when it has become distended with milk. Immediately following the emptying of the udder these cycles are frequent, gradually slowing down until they finally cease to discharge the entire contents of the cells.

When the pressure in the ducts and storage spaces reaches a certain level, there seems to be a change in the process of secretion. Certain constituents such as milk fat are held in the cell in suspension while other constituents such as milk sugar are in true solution. The constituents in solution continue to pass out into the lumen of the alveoli while the constituents in suspension accumulate within the cells. Thus the composition of the milk gradually changes, becoming poorer in butter fat, as the interval between milkings increase. At milking time, the first milk is poor in butter fat as compared to the last milk that is discharged from the cells when the pressure is released.

From the standpoint of the entire udder, milk secretion may be thought of as being very rapid immediately following the previous milking with the rate gradually decreasing as the interval between milkings increases. The value of frequent milking of heavy producing cows is clear. It simply relieves the pressure in the udder so that secretion may again begin at a more rapid rate. In addition, the yield of butter fat will be somewhat greater.

At milking time the cow's udder will be distended with milk. This milk will be found in the cisterns of the glands, in the large connecting ducts and way up to the lumen of the minute alveoli. This milk may be thought of as being secreted and stored. A second portion of milk is still within the cells elongating and stretching them to the limit. This milk may be thought of as not yet secreted but will be discharged upon the release of the pressure upon milking.

Summary

A THOROUGH understanding of milk secretion requires a knowledge of the structure of the gland in which the process takes place. In this article the structure of a single quarter is described, starting with the duct system into which the milk is poured. It was explained that there usually are from eight to twelve large milk ducts which are short and wide. These branch continually but differ radically from what might be expected in that many of the branches are greatly restricted in size at the point where the branch is given off only to enlarge further along. Thus are formed collecting spaces throughout the udder which greatly increase its holding capacity.

The ducts finally branch out into a number of blind ends which are greatly enlarged. The cells lining the alveoli are the actual seat of secretion.

The secreting tissue is supported by a connective tissue and divides the glands into tiny lobules. A number of lobules form lobes and many lobes form a quarter. When the connective tissue becomes excessive a hard, fibrous udder results.

The tiny cells in which milk is secreted are at first flat in shape but gradually lengthen out as they fill with the newly formed milk. When completely filled, the milk is discharged into the lumen and again starts secreting another cell full. This continues until the pressure of the formed milk reduces the rate of secretion. The value of frequent milking is also explained.

(*Part III. will appear in January 15 issue*)

Missouri Association Formed

A MEETING of Guernsey breeders was held as part of Farmers' Week at the University of Missouri, Columbia, Missouri, October 23. As a result, a Missouri Guernsey Breeders' Association was organized. The plan of the organization is on the federation basis. Individual Guernsey beeders, not members of local Guernsey breeders' associations, may join the Missouri Guernsey Breeders' Association on payment of a membership fee of five dollars a year, which also includes a subscription to the GUERNSEY BREEDERS' JOURNAL. Members of county Guernsey breeders' associations in Missouri, whose membership consists of five or more breeders, automatically become members of the state association upon the payment by the treasurer of the local association of a fee of one dollar a member to the state organization. The recommendation is that local associations make their annual membership fee five dollars, that fee to include a subscription to the GUERNSEY BREEDERS' JOURNAL and membership in the state association.

There seemed to be no question at this meeting as to the fact that the Guernsey industry has grown to the point where such an organization is needed in Missouri. It seemed to be the concensus of opinion that with such an organization properly functioning, the Guernsey breeders of Missouri would be in a position to make much faster progress than otherwise, and to realize an opportunity for the advancement of the Guernsey breed in Missouri.

L. E. Vaughan, Oronogo, Missouri, was elected president. Mr. Vaughan, through his extensive and successful Advanced Register testing, has done much in the last few years to excite the attention of Missouri dairymen to the breed. Mr. Vaughan is also vice president of the Ozark Guernsey Breeders' Association. A. D. Thurston, Paris, Missouri, was elected vice president. Mr. Thurston has been the pioneer breeder in Marion County, and for several years has been the president of the Marion County Guernsey Breeders' Association, which is one of the oldest and probably is the most active local Guernsey breeders' association in Missouri at the present time. John S. Baker, Polo, Missouri, was elected secretary-treasurer. Mr. Baker is breeding Guernseys at Polo with his father. He graduated in the class of dairy husbandry from the University of Missouri about four years ago and is thoroughly familiar with the machinery of the dairy extension department. For three years he did an outstanding piece of work as the manager of the Guernsey herd of I. Ben Miller, Cape Girardeau, Missouri. The following were elected as directors: G. R. Johnson, Kansas City; I. Ben Miller, Cape Girardeau; Frank Vernon, Charleston; C. H. Fulton, Springfield; W. H. Schatz, Billings; Albert Schlubier, Ely; A. C. Ragsdale, Columbia, and Walter Rickman, Hopkins. Arrangements were made for the executive committee of the association to meet at Kansas City during the week of the American Royal to draw up a constitution and by-laws for submission to the next meeting of the association.

Selling Guernsey Milk

(Continued from page 11)

There are several facts brought out in these small advertisements which are worthy of notice. The advertisements were those of an association composed of several farms. The words "milk users" were used in the entire series as well as the phrase "Guernsey milk is the economy milk."

In some of the earlier copies, the names of the distributors were not given and this called for advertisement number one. In the four remaining samples of advertising presented by the association they have brought out four important facts why people should use Golden Guernsey milk. These include the facts that a growing child should have at least one quart of Guernsey milk a day and each adult a pint; that Guernsey milk has thirty per cent. more solids that any other milk; that Guernsey milk assures the proper growth and development of young children, and that Guernsey milk is the best possible food to make strong, vigorous bones and teeth. Many other points were brought out in the campaign, but these are given as typical. In both of these newspaper campaigns success followed the advertising.

It is not only sufficient to have a Guernsey herd or to produce a clean, sanitary product in order to market the same, but each person should study his own marketing problem and create, through advertising, a demand for Golden Guernsey milk.

The American Royal Livestock Show

(Continued from page 7)

COW, 2 YEARS AND UNDER 3
Five in the Class

1, Thornton's Armistice Girl 203605, Emmadine Farm; 2, Count's Cleopatria 197818, Emmadine Farm; 3, Ransom Fareda Faith 215844, Ransom Farm; 4, Danny's Sunshine of Fern-Dell 206088, Glencliff Farm.

HEIFER, 18 MONTHS AND UNDER 2 YEARS
Four in the Class

1, May Royal's Dame 221224, Emmadine Farm; 2, May Royal's Duchess 221225, Emmadine Farm; 3, Ethelwyn of Fern-Dell 229407, Glencliff Farm; 4, Abbott's Diana 221217, Emmadine Farm.

HEIFER, 1 YEAR AND UNDER 18 MONTHS
Five in the Class

1, May Royal's Elberta 249130, Emmadine Farm; 2, Jaqueline of Fern-Dell 233007, Glencliff Farm; 3, Ransom Daisy Golden Godis 242118, Ransom Farm; 4, May Royal's Etta 249142, Emmadine Farm.

HEIFER CALF, 4 MONTHS AND UNDER 12
Nine in the Class

1, May Royal's Evette 249156, Emmadine Farm; 2, Betty Master's Elma 249149, Emmadine Farm; 3, Ransom Western Wildflower 251305, Ransom Farm; 4, Mayprince's Empress 249160, Emmadine Farm.

SENIOR AND GRAND CHAMPION BULL

Border King of Roberts 71645, Glencliff Farm.

JUNIOR CHAMPION BULL

May Royal's Sheik 146505, Emmadine Farm.

SENIOR AND GRAND CHAMPION FEMALE

Imp. Gem's Pride of the Gron 160500, Emmadine Farm.

JUNIOR CHAMPION FEMALE

May Royal's Elberta 249130, Emmadine Farm.

GRADED HERD

1, Emmadine Farm, showing Resolute's Eminent 130286, Thornton's Armistice Girl 203605, Imp. Gem's Pride of the Gron 160500, May Royal's Elberta 249130 and May Royal's Evette 249156; 2, Glencliff Farm, showing Border King of Roberts 71645, Priscilla of Grahamdale 133136, Danny's Sunshine of Fern-Dell 206088, Jaqueline of Fern-Dell 233007 and Phyllis of Fern-Dell 249388; 3, Emmadine Farm, showing Shorewood Resolute 71989, Foremost's Babbette 186573, Count's Cleopatria 197818, May Royal's Dame 221224 and Betty Master's Elma 249149; 4, Ransom Farm, showing Ransom Golden Dauntless 123455, Leda of Ransom Farm 178045, Ransom Fareda Faith 215844, Ransom Daisy Golden Godis 242118 and Ransom Western Wildflower 251305.

YEARLING HERD

1, Emmadine Farm, showing Foremost's Chieftain 130309, May Royal's Dame 221224, and May Royal's Elberta 249130; 2, Emmadine Farm, showing Foremost's R. King 147292, May Royal's Duchess 221225 and May Royal's Etta 249142.

CALF HERD

1, Emmadine Farm, showing May Royal's Sheik 146505, Betty Master's Elma 249149 and May Royal's Evette 249156; 2, Ransom Farm, showing Ransom Donnington Secret Stargazer 145323, Ransom Western Wildflower 251305 and Ransom Louise's Lady 252359.

DAIRY HERD

1, Emmadine Farm, showing Imp. Gem's Pride of the Gron 160500, Flossie of Esperanza 104331, Foremost's Royal Anne 143691 and Foremost's Babbette 186573; 2, Ransom Farm, showing Fareda of Ransom Farm 122578, Leda of Ransom Farm 178045, Alpha of Albright Farm 179118 and Ransom Fareda Faith 215844; 3, Emmadine Farm, showing Foremost's Amabel 155563, Valor's Beatrice 193951, Count's Cleopatria 197818 and Thornton's Armistice Girl 203605; 4, Glencliff Farm, showing Belle Ultri of City View 168538, Priscilla of Grahamdale 133136, Imp. Noble's Whitey of Melrose 201449 and Danny's Sunshine of Fern-Dell 206088.

GET OF SIRE

1, Emmadine Farm on get of Mixter May Royal 65203; 2, Emmadine Farm on get of Langwater Foremost 39191; 3, Ransom Farm on get of Brookmead Secret Stars and Stripes 56828; 4, Glencliff Farm on get of Meadow Brook's Danny Duff 70839.

PRODUCE OF DAM

1, Emmadine Farm on produce of Langwater Paysanne 76589; 2, Ransom Farm on produce of Fareda of Ransom Farm 122578; 3, Ransom Farm on produce of Imp. Donnington Goldie 6th 65902; 4, Emmadine Farm on produce of Delatine of Fond du Lac 106466.

Island Pictures Available

GUERNSEY Island pictures, which will be appreciated for the home and farm office, can be secured through the Ohio Guernsey Breeders' Association, Wooster, Ohio. An arrangement was made with an Island photographer to enlarge and color certain photographs, several of which were taken especially for the Ohio association. Field secretary, Floyd S. Barlow, tells us they have already secured 150 of these pictures for American breeders.

The pictures come without frame, twelve by sixteen inches, at $2.75 each which includes duty and postage. In quality they compare favorably with the Nutting productions. Those which have been most popular are a farm scene, a cottage on Sark, Sark Harbor and Saint Peter Port and harbor on Guernsey. A photograph has recently been received of another farm scene that is said to be particularly good. These pictures are a real work of art and in addition to beautifying the home will help to bring Guernsey and her people nearer to us.

Begin the New Year
Right . . .

Renew that Subscription

JUNIOR BREEDERS' DEPARTMENT

First in Guernseys

THE Oklahoma Dairy Judging Team that ranked first in judging of Guernseys at the recent National Dairy Show held at Memphis, Tennessee, is composed of Richard Salle, Collinsville, Oklahoma, high man in judging Guernsey cattle, Elwood Berry, Clinton, Oklahoma, and Guy Hinton, Manford, Oklahoma. These boys have specialized in the study of dairy problems during the past three years in their high school work, and two of them are practical dairymen as well.

Elwood Berry assists his father in conducting a dairy at his home town and also has a financial interest in the business. Richard Sallee is associated with his brother, who is a former vocational agriculture student in a dairy business near Tulsa. The brother, Lincoln Sallee, has developed the business from his vocational agriculture project in a period of five years to a point that he is now rated at $25,000 and has an income of from $300 to $500 monthly. All three boys now have visions of owning a pure bred herd and a modern dairy business.

Feeding Cows

AN abundance of feed is the first essential in feeding cows for profit. The primitive cow had only to care for herself and to feed her calf for a few months. After freshening in the spring of the year, she could develop the calf and dry off in the fall, and her labors were practically done. In these days the cow is looked upon, especially in the best dairy sections, simply as a factory, and, as in any other factory, the cheapest production is possible only when the plant is being run nearly to its full capacity.

A cow needs her food mainly for two purposes, namely, for the maintenance of her body and for the production of milk, although at times she may need it to grow a fetus or to put on weight. Young animals also need it for growth. The feed requirement for the maintenance of the body is the amount necessary to keep the body in running order, that is, to perform such functions as pumping blood, breathing, chewing and digesting food, and making body repairs. It has been shown that certain rather definite amounts of protein and energy are required for body maintenance, the amount depending upon the size of the cow.

Feed requirement for maintenance is determined entirely by the size of the cow, irrespective of breed, age, or any other factor. It is true that a good dairy cow will draw on the reserve of her body to produce milk for a limited length of time. Nevertheless, the factor for maintenance remains constant and this reserve must eventually be replaced from the feed, otherwise the cow will become emaciated and her production will be diminished.

In the case of a 1000 pound cow producing twenty pounds of four per cent. milk, approximately fifty per cent. of the feed is used for maintenance and fifty per cent. for production. When, however, this cow produced only ten pounds of four per cent. milk, largely because of lack of feed, approximately sixty-six per cent. of the feed was required for maintenance, leaving only thirty-three per cent. for milk production.

The following general rules are given as a guide for the beginner in feeding, to help him to use proper proportions of grain and roughages in his ration:

Feed all the roughage that the cows will eat up clean. This will usually be about one-half to one pound of hay and two and one-half to three pounds of silage to 100 pounds of live weight. In case no silage is fed, as much as one and one-half to two pounds of hay may be fed. When beet pulp is used, feed about four to eight pounds of dry pulp soaked in three times its weight in water. Beets can be fed up to sixty or eighty pounds.

Feed the grain mixture in proportion to the milk yield. With a good roughage, feed high-testing cows one pound of grain to each two and one-half to three pounds of milk, and low testing cows one pound of grain to each three to three and one-half pounds of milk. With poor roughage, the grain allowance should be increased.

(The above was taken from Dairy Cattle Feeding and Management by H. O. Henderson.)

On Honor Roll

ROBERT Harpster, Centre County, and Warren Wilcox, Warren County, New Jersey, made the honor roll with their cows for the month of November. The first club member secured 35.96 pounds of butter fat for the month, and the other 34.03.

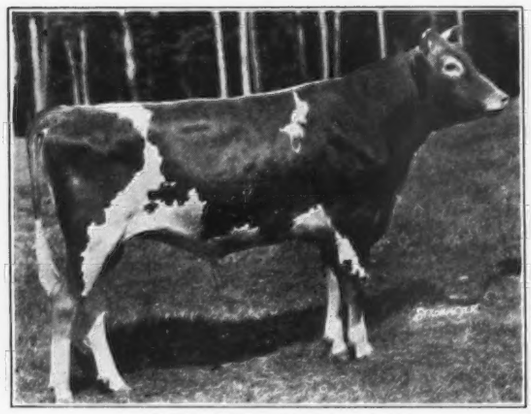
The Winning Oklahoma Dairy Judging Team at the National Dairy Show

AIYUKPA GUERNSEYS

Federal Accredited Herd No. 199722

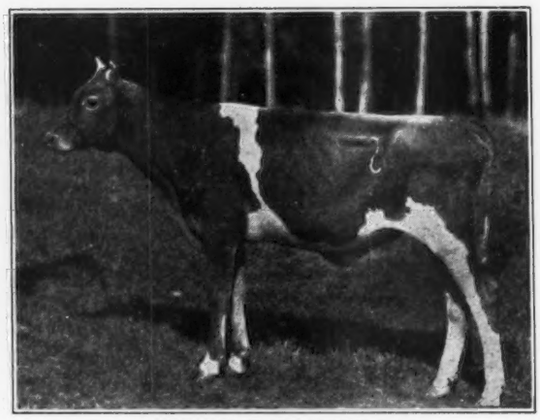
Our Herd Sires—

The Herd with "Both Halves" Breeds Them Right



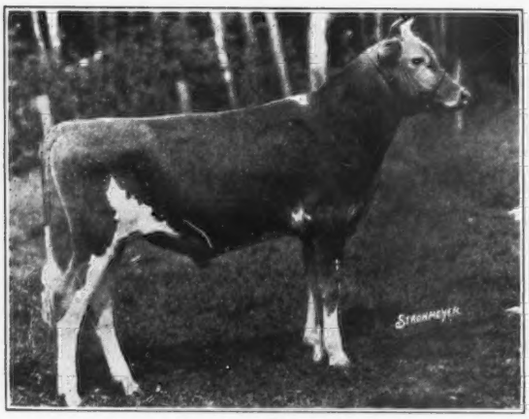
AIYUKPA LEVITY-KING 130508
(photo at 18 months)

Sire: Langwater Eastern King 63072, A. R. Dam: Shuttlewick Levity 101850, A. R. 804.4 Fat in G — World's Record when made; Grand Champion cow National Dairy Show, 1927, and highest priced cow of the Breed. We have declined three offers of $50000 and one of $60000 cash for this bull.



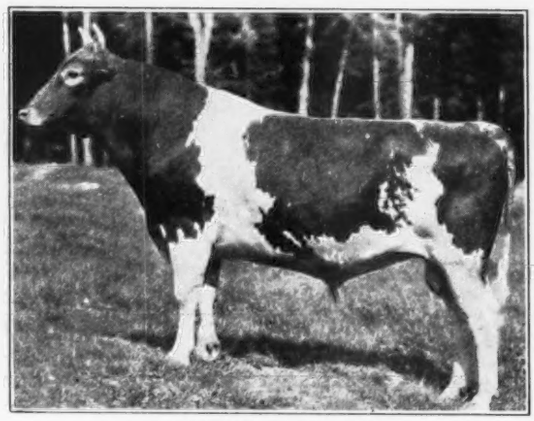
AIYUKPA GRAND DUKE 147345
(photo at 7 months)

Sire: Langwater Marmion 60160, A. R. Dam: Shuttlewick Levity 101850, A. R. 804.4 Fat in G—World's Record when made. Grand Champion cow National Dairy Show, 1927 and highest priced cow of the Breed.



AIYUKPA CORONET'S MARMION 141902
(photo at 9 months)

Sire: Langwater Marmion 60160, A. R. Dam: Golden Coronet of Jean du Luth 81283, A. R.
968.8 Fat. Class AA—World's Record when made.



AIYUKPA KING 122783
(photo at 2 years)

Sire: Langwater Eastern King 63072, A. R. Dam: Lone Pine Mollie Cowan 91285, A. R. 840.3 Fat in BB—World's Record when made. 1st prize 3 year old National Dairy Show, 1922. A Triple great grandson of Imp. King of the May 9001, A. R

The Dams and Grandams of "Levity-King," "Grand Duke," and "Coronet's Marmion" were World Record cows, and the Dam and Great Grandam of "Aiyukpa King" were World Record cows.

The Dam and Grandam of "Levity-King" and "Grand Duke" were Grand Champions at the National Dairy Show, while the Dams of "Coronet's Marmion" and "Aiykpa King" have headed their class in the show ring.

Breeding "Levity-King" and "Grand Duke" on "Golden Coronet of Jean du Luth" and "Coronet's Marmion" on "Shuttlewick Levity" will produce animals having FOUR WORLD'S RECORDS in the nearest females.

We are retaining over 30 daughters of Langwater Eastern King 63072 and Langwater Marmion 60160.

We are concentrating on the "Levities" and "Coronets" and ultimately will retain no animals having less than 50% of the blood lines of Shuttlewick Levity 101850 or Golden Coronet of Jean du Luth 81213, each a World's Record cow and the daughter of World's Record cow.

AIYUKPA GUERNSEYS

"The Bull is Half the Herd"—Aiyukpa has Both Halves

SHUTTLEWICK LEVITY 101850
804.4 Fat, Class G.
World's Record when made, Grand Champion National Dairy Show, Eastern States Exposition and Trenton, 1927, and Dam of First Prize Senior Yearling Heifer, National Dairy Show, 1927 and the 1st Prize Aged Cow Eastern States Exposition, 1928.

LANGWATER LAUGHTER 93086
665.2 Fat, Class F.
Full Sister of Shuttlewick Levity 101850. Dam of Third Prize Heifer Calf National Dairy Show, 1927.

SHUTTLEWICK MIRTH 129736
706.1 Fat, Class G.
Daughter of Shuttlewick Levity 101850. 1st Prize Aged Cow Eastern States Exposition, 1928.

SHUTTLEWICK HAPPY GIRL 146694
506.7 Fat, Class GG.
On retest in Class BB has 350.68 Fat in 192 days. Half sister of Shuttlewick Levity 101850. First Prize four year old, Eastern States Exposition, 1927, and 2d at National Dairy Show. Dam of 1st Prize 2 year old Bull, Eastern States Exposition, 1928.

LANGWATER EASTERN KING, 63072 A. R.
by Langwater Warrior 26509, A. R., out of Langwater Cleopatra 47043, A. R.
Double Grandson of Imp. King of the May 9001, A. R.

GOLDEN CORONET OF JEAN DU LUTH 81283
968.8 Fat, Class AA—World's Record when made. Dam of First Prize Senior Yearling, Eastern States Exposition, 1927, and 1st prize 2 year old, Eastern States Exposition, 1928.

AIYUKPA GOLDEN CORONET 195761
1st Prize Senior Yearling, Eastern States Exposition and Trenton 1927; 1st two year old, Eastern States Exposition, 1928. Dam of 1st Prize Bull Calf, Eastern States Exposition, 1928. On test, Class G in 268 days has 469.7 Fat. Daughter of Golden Coronet of Jean du Luth 81283.

CHERUB'S QUEEN OF THE PRAIRIE 177312
9647.1 Milk, 517.6 Fat, Class GG.
Grand Champion Waterloo Dairy Congress, 1926
Junior Champion National Dairy Show and Sesqui-Centennial, 1926
Undefeated two year old
Eastern States Exposition, Trenton and National Dairy Show, 1927

AIYUKPA K. LEVITY 195763
1st Prize Senior Yearling National Dairy Show, 1927.
Sire: Langwater Eastern King 63072. Dam: Shuttlewick Levity 101850.

CAMP AIYUKPA

WILLIAM H. WILLIAMS
Owner

Lyon Mountain, New York

K. C. SLY
Manager

NEWS BRIEFS

Real Enthusiasm

FRANCIS L. Holden, pastor of the Ebenezer Baptist Church, Bethesda, Ohio, has been a Guernsey enthusiast for many years. More than twenty years ago he went into the ministry and disposed of what he had expected to be a foundation herd of registered Guernseys. Since then he has occasionally owned one or two cows but for nearly seven years has been unable, because of other work, to care for any Guernseys.

He writes: "I never have ceased to love the Guernsey nor do I expect to, although I hardly cherish any hope of ever owning another. I want to keep the JOURNAL coming, for whenever I read it I rejoice that there are many others who can have them if I cannot, and after a Sunday filled full of strenuous service since early hours, I can take the JOURNAL for an hour and feel that on the morrow I can again take up my work and perform it better for the recreation afforded by reading it.

"I have taken the JOURNAL nearly all the time since it first began publication, and I think I have but one copy missing from my file. My travels through many states as pastor and evangelist during these twenty years have brought me into acquaintance with many prominent Guernsey breeders. I have also had the privilege of boosting for the breed in many places when time and opportunity afforded."

Kinney Leaves Organization

OSCAR F. KINNEY, owner of Waldorf Farms and the Waldorf herd, is retiring from the active management of the Waldorf Lunch corporation. Mr. Kinney has had much to do with the building of this successful chain of lunches and during the month of January will leave the active work. It is his intention to devote more time to his farming interests and to develop his herd to a higher degree. During the past few years many of the Waldorf animals have become class leaders and world champions.

Stranahan Moves

L. STRANAHAN, formerly with the Lockshore Farm, Cressey, Michigan, has changed his address to the V. E. Neal Farm Number Four, Troy, Ohio.

Plan Better Sires Train

THE Baltimore and Ohio Railroad, through O. K. Quivey, general agricultural agent, announce a better sire dairy special for April 8 to 27 in 1929. This special was to have been run this fall, but was postponed on account of the conflict with Election, Armistice and Thanksgiving holidays. They will cover a portion of Illinois, Indiana, Ohio, Maryland and West Virginia.

Thanks

E. S. Estel, secretary-manager of the Dairy Cattle Congress, held at Waterloo, Iowa, has written the CLUB thanking them for the cooperation given to the show by THE AMERICAN GUERNSEY CATTLE CLUB, JOURNAL, and all. He says: "It is with considerable satisfaction that we advise that the show this year was the most successful from every standpoint that we have conducted."

Good Interest in Guernseys

CHARLES F. Hiley, Marion, Alabama, reports splendid interest in Guernseys in his section. Those attending the National Dairy Show will remember Mr. Hiley as being in charge of the county booth from his section. He has placed seventeen bull calves to head local herds in his community. In most instances these pure bred bulls have gone into grade herds. Mr. Hiley is anxious to interest some of the larger breeders in starting a branch breeding herd in his section. He says the interest in Guernseys is increasing rapidly and with the cheap land capable of producing good crops it will make a splendid place to handle a branch herd.

Swindells in Boston

MR. and Mrs. F. W. Swindells, owners of Beech Hill Farms, Princeport, Nova Scotia, are living at their winter residence in Boston. They have established a very good herd of Guernseys in Canada and won many prizes in the show ring during the past season.

Breeder Goes to Senate

AS a result of the recent election Chester C. Bolton of Cleveland, Ohio, has been elected to the United States Senate. Mr. Bolton has been a Guernsey breeder for some years and maintains a herd of more than 100 Guernseys.

Breeders Made Master Farmers

SINCE the establishment of the Master Farmer contest many Guernsey breeders have been awarded the degree. In Ohio in 1926, William Erf of Bellevue and A. C. Ramseyer of Smithville, members of the Ohio Guernsey Breeders' Association, were given the award. The following year D. J. Schaaf of Columbus, and this year John V. Hang of Canton, were the fortunate winners.

It is usually deserving farmers who have won this recognition. In the case of Mr. Erf, he has conducted his farm from an invalid's chair for several years, while Mr. Hang has succeeded although handicapped by the loss of a leg and the complete loss of a herd of cows from tuberculosis. The very fact that these men have overcome their difficulties speaks volumes.

Valuable Cow Dies

BESSIE B. of Elm Farm 110552 died recently at The Aldrich Farm, Rehoboth, Massachusetts. She was owned by S. M. Aldrich and was a class leader in BBB, later making the record of 17792.8 pounds of milk and 815.9 pounds of butter fat in class A. N. D. Knight, superintendent of the farm, also reports that a new barn to replace the one recently lost by fire has been completed, and the herd is now comfortably located in the new establishment.

Fire Destroys Herd

THE herd of twenty head of very high grade Guernseys owned by P. N. Thompson of Indian Lake, Minnesota, were destroyed by fire on the night of December 7. Mr. Thompson was able to save his home, losing all of his buildings together with the herd. He has been selling milk in Mankato for thirty years and had built up an exceptionally high grade herd of Guernseys.

Breeders Become Directors

AT the annual meeting of the National Dairy Association held in Chicago, Illinois, on December 7, three Guernsey breeders were elected to the directorate of the association. They included Fred K. Babson, Riverside, Illinois; Charles L. Hill, Rosendale, Wisconsin, and Robert Scoville, New York City. Later at a meeting of the board of directors Mr. Hill was elected president and Mr. Scoville was elected vice president.

Wayne County Show

THE Guernsey cattle exhibit at the Wayne County, Ohio, Fair, far surpassed in numbers and quality any previous exhibit at that fair, according to Chester Burkey, president of the Wayne-Ashland Guernsey Breeders' Association. There were six club calves and five herds on exhibition, making a total of fifty-three Guernseys at the fair. Three of the Guernsey exhibitors were from outside of Wayne County, namely, Paul Dunsha of Medina; C. M. Ebert of Sharon Center, and W. P. Brundage of Worthington. The Wayne County herds, consisting of animals belonging to Erwin Brothers and C. M. McConnell, shared honors with the outside herds when L. L. Rummell of the Ohio Farmer judged the Guernsey cattle.

Mr. Rummell started at one o'clock with the calf club classes. There were three calves entered in the first year group. Melvin Richey secured the blue ribbon with Faye Michener second and Earl Stine third.

In the second year class Richard Erwin placed first and Paul Richey second. When the record books were graded it was found that Richard Erwin had the highest total score of all calf club members regardless of breed. This entitled him to a trip to Columbus during "Club Week." In the third class the entry of Faye Michener met no competition and secured first premium.

In the aged bull class, which followed the club classes, Ebert's smooth shouldered, strong topped qualitied Sergeant's Senator of Mountrose 103903, won out over McConnell's lower set, more rugged entry. The W. P. Brundage entry placed third with an entry from the herd of George Dunsha placing fourth. The winning bull in this class already had an impressive list of show winnings, having been second at the National Dairy Show and a member of the first prize produce of dam group at five leading state fairs last year. The entries of W. P. Brundage topped the senior yearling, senior calf and junior calf classes, which followed the aged bull class.

The aged cow class provided one of the real classes of the show, seven entries being exhibited. The large, roomy, qualitied Mohawk's Golden Maid of Bexley 86302, bred by Dan Schaaf of Columbus and shown by Brundage, won over the smooth but somewhat smaller McConnell entry. A McConnell entry also placed third and an Erwin Brothers entry placed fourth.

The other female classes were well filled with entries from the herd of C. M. Ebert taking all of the blues except in the two year old class where the entry of C. M. McConnell placed first with the Erwin heifer a close second. The most impressive classes of the entire show were the group classes where a real display of Guernseys were exhibited.

There were six entries in the get of sire class. The McConnell entry of four daughters of The Sheik 72280, three of which were shown in milk, proved too strong for the four qualitied animals shown by C. M. Ebert, sired by Sergeant's Governor of Mountrose 103903. The herd group brought out five entries and again the McConnell entry took the blue, while the Ebert entry placed second.

In the produce of dam class W. P. Brundage exhibited his first prize aged cow and his first prize senior yearling bull. These two animals made a combination too strong for the other competitors and he received the first place with the McConnell entry second.

The championships followed with the entries of C. M. Ebert taking junior champion female and senior and grand champion bull of the show, while W. P. Brundage secured the junior champion male and the senior and grand champion female of the show.

The show from start to finish was featured by the quality of the cattle exhibited and aided a great deal in advertising Guernseys in Wayne County. The Wayne-Ashland Guernsey Breeders' Association, cooperating with the Ohio Guernsey Breeders' Association, maintained a booth in the arena of the cattle barn during the week of the fair. Here literature and information regarding Guernseys was given out to fair visitors and the booth, along with the splendid exhibit of Guernsey cattle, did much to further the cause of the producers of Golden Guernsey products.

Topped Association

FOR the month of August the Guernsey herd of A. J. Fairbanks of Springfield, Vermont, topped the local cow testing association with an average of 747 pounds of milk and 38.7 pounds of butter fat for five cows. Three of the four highest herds were Guernseys. All of the fawn and white herds in this association supply fall and winter dairies.

RUSSELL WASHBURNE

Pulaski County Show

THE first dairy show in Pulaski County, Indiana, was held on August 31 in Winamac Park, Winamac, Indiana. The show exceeded the fondest expectations of those sponsoring the movement.

The cooperation of cattle owners in exhibiting their animals, the number and high quality of those on display, the large attendance and the splendid attention given the judge as he explained his awards, and the general air of optimism toward dairying that prevailed, all combined to mark the day as an outstanding event in Pulaski County agricultural progress. Tied in a long double string parallel to one bank of the Tippecanoe River, were nearly 100 pure bred and high grade dairy animals, all owned in Pulaski County. An important part of the display consisted of the Holstein and Guernsey heifers imported from Wisconsin last year and placed in the hands of the young members of the Union Bank Dairy Calf Club.

In a judging ring arranged before a section of raised seats, Judge L. H. Fairchild of Crown Point, was introduced by Ralph Horner. The animals entered in the separate classes were then brought in, and for more than three hours the assemblage watched the official inspection of the entries and listened with close attention to Mr. Fairchild's straightforward explanations as to why he gave preferred positions to certain animals. One attendant expressed his satisfaction by declaring that "I learned more about what it takes to make a good dairy animal than I supposed there was to know." Ribbons for the winners in each class were presented by County Agent McNary, along with orders for articles of merchandise and cash contributed by Winamac business men as prizes in the several classes.

The show was sponsored by the Winamac Kiwanis Club, through its special dairy committee composed of Ralph Horner, O. H. Keller, E. W. Smith, James A. Dilts, Luther Thompson and Harry Decker.

Grand champion bull over all breeds was won by Trapp and Gordon, as well as the champion Guernsey female. Pure bred Guernsey heifer over two years of age was won by Trapp and Gordon. In the grade Guernsey heifer class over two years of age, the first and second prizes were won by Trapp and Gordon, while Harry Smith took third place.

BREEDERS' LIST

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the Guernsey Breeders' Journal. If you already subscribe to the Journal an adjustment will be made.

Connecticut

Herbst, John W., (Phone 3253-12) Stamford, (Mailing) Coscob, Conn.

Florida

Highland Farms, L. R. Caldwell, Lake Wales

Indiana

Waterbabble Farm, James H. Black, Farmers' Bank Bldg., Lebanon

Iowa

Guernsey Haven Dairy, L. C. Lemon, Mt. Vernon

Twin Gable Farm, Paul F. Kilborn, Mgr., Cedar Rapids

Kansas

Glencliff Farm, Paul R. Johnson, Independence

Krueger, R. C., Manhattan

Ransom, W. G., P. O. Homewood, Ransomville

Maryland

France, Dr. Joseph Irwin, Port Deposit

Michigan

La Fleur & Sons, C. F., Vermontville

Minnesota

Moosehorn Farm, C. H. Welch & Sons, Barnum

Wood, M. B., Mankato

Missouri

Fern Hill Farm, L. E. Vaughan, Oronogo

New Hampshire

Prosit Farm, Phil W. Peirce, Winchester

New Jersey

Hollow Hill Farm, Mr. and Mrs. Paul Moore

North Dakota

E. S. Person, Minot

Nova Scotia

Sycamore Farm, Wallace L. Cook, Salem, Yarmouth County

Ohio

Whittier, W. P., Galena

Oklahoma

Cooper's Farm, Tom, Ardmore

Larson & Sons, L., Guernsey Dairy, Chickasha

Rhode Island

Broadview Farm, Henry C. Anthony, Portsmouth

Texas

Dixie Meadow Farm, Ed. F. Riley, Wichita Falls

Mackensen, Louis, R. 1, Box 1060, Houston

Vermont

Beaver Brook, Inc., Greeley A. Brown, Mgr., Wilmington

Virginia

Aquia Guernsey Farm, Henry Moncure, Stafford

Washington

Glenlock Farms, John Hastie, Yelm

A Space
This Size
would advertise your
herd for
$3.75 per issue

Purchases Herd

SILAS Thomas and Sons of Hohokus, New Jersey, who recently secured the herd owned by Moses Taylor, have purchased from J. S. Hand of Stuyvesant Falls, New York, their milking herd. This sale was made through the efforts of Dunn's Tour.

BREEDERS' EXCHANGE

The rates for advertising in this department—with no display—are 7 cents a word flat. Each word, number and initial counts a word. Terms cash with order. No advertisements of less than 10 words accepted.

FARM MANAGER—Open; 25 years incomparable practical, scientific, and College experience for development of inevitably successful highly remunerative industrial farm unit. Complete elimination all waste and surplus labor, unsurpassed marketing plans. Address Post Office, Box 47, Morristown, New Jersey.

Paint Without Oil

Remarkable Discovery That Cuts Down the Cost of Paint Seventy-five Per Cent.

A Free Trial Package is Mailed to Everyone Who Writes.

A. L. Rice, a prominent manufacturer of Adams, N. Y., discovered a process of making a new kind of paint without the use of oil. He named it Powdr-paint. It comes in the form of a dry powder and all that is required is cold water to make a paint weather proof, fireproof, sanitary and durable for outside or inside painting. It is the cement principle applied to paint. It adheres to any surface, wood, stucco, stone or brick, spreads and looks like oil paint and costs about one-fourth as much. Write to ***A. L. Rice, Inc, Manufacturers, 46 North St., Adams, N. Y.***, and a trial package will be mailed to you free, also color card and full information showing you how you can save a good many dollars. Write today.

COW BLANKETS

Show Blankets Our Specialty

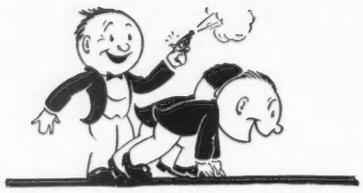
Patented 1909-1921

Write for PRICES and SAMPLES

Over 50,000 in use in America. For testing, conditioning and protecting cattle.

R. LAACKE CO.
546 Third St., Milwaukee, Wis.

"NEPONSET"
the Superior Remedy for
UDDERS and TEATS
Address
NEPONSET - Hyde Park, Mass.



Ready, Set, Go

Get on the band wagon, and start the year of 1929 right. Build up your sales by using our "Golden Crowns for Golden Milk"—a bottle top wrapper with the quality in it. Beat your competitor, send for samples today.

"Dave" Crawford,
23 Tower Avenue,
South Weymouth, Mass.

Dear Dave:

You're right—the tops of my milk bottles do have a sort of half-dresssed appearance. Send me a few sample Wrappers, so I can see how really good milk looks in its best clothes.

Name.....

Address.....

.....

ELIMINATE GARGET

Detect bruised or inflamed udders *at once* not when the Milk is thick or shows blood.

The M AND M Foremilker

"A neat, practical utensil"

Reduce your Bacteria Count and *Increase* the "Keeping Quality." *Adopt the Cardinal Principle of Clean Milk—Production.*

$3.50 Parcel Post paid

add 50 cents for complete Milk Production Program

THOS. J. MAGEE COMPANY

5014 North 16th St. - Philadelphia, Pa.

H. A. STROHMEYER, JR.

Photographer of Animals

215 Fourth Ave. - NEW YORK, N. Y.

Position Wanted As a Manager of estate with Guernsey cattle. Years of experience. Held three positions in 29 years, 14, 11 and 5 years respectively. Married, one child, willing to board help.

Box J. W.

Guernsey Breeders' Journal Peterboro, N. H.

The Bulletin Tattoo Marker

A large nickle-plated marker, tattooing permanent figures or letters 5/8 inch high Price for marker, ink and one set of figures $5.55 post paid. Extra sets of figures $1.50. Alphabet $3.90.

The Jersey Bulletin

225 N. New Jersey St., Indianapolis, Indiana

Flowers and Guernseys

It is not often, in fact we believe there is only one case in the United States, where flowers and Guernseys are worked together on the farm. At the Brown Bulb Ranch, Capitola, California, managed by James A. Brown, flowers and Guernseys have a prominent place.

An extremely unique open house was held recently when people were invited to visit the farm. Hundreds of men, women and children motored out on Sunday afternoon in response to the invitation, and to enjoy the privilege of viewing a wonderful collection of tuberous begonias, gloxinias and other plants in the height of their glory, as well as visiting the dairy, ice cream plant and candy factory on this unique ranch. The visitors viewed over 30,000 gloxinias in the seven glass houses, while there were seen in bloom over 400,000 tuberous begonias in the slat houses. To illustrate the vastness of the bulb industry on this ranch, it requires nearly fifty miles of water pipes to carry the irrigation for the sprinkling system.

R. A. Amaya, who has been with Mr. Brown for a number of years, explained to the guests that over ninety per cent. of the bulbs were

ROY S. JOHNSON

AUCTIONEER

Guernsey Cattle Sales a Specialty

Write early for dates

DECATUR, INDIANA

SAVE the Teat

Use Moore Bros. PURPUL medicated Wax Dilators to heal the injured teat without closing. After operating, when sore or congested, for reducing spiders or obstructions insert this wonderful healing dilator. Avoid expensive troubles, lost quarters, unproductive cows.

Package sent FREE

Write us dealer's name and we will mail generous package free. At dealers 25c. dozen; 5 dozen $1.00 or mailed postpaid.

DILATOR INSERTED Moore Bros., Dept. R, Albany, N. Y.

Medicated Wax Dilators

FREE FROM LEAD

For the *DAIRY, BARN STANCHIONS, FENCES, etc.*

Write for Information

THE WILLS PRODUCTS CO.

250 West 57th St., New York — Dept. G

WM. A. HILL, Owner
730 17th Street, Washington, D. C.

N. O. TERPENING
Manager

Rock Spring Farm Guernseys

ROCKVILLE, MARYLAND

(Near Washington, D. C.)

Omega of Pine Ridge 141815

One of the daughters of our Senior Herd Sire —recently finishing her THIRD record as a four year old—averaging over 640 lbs. fat each.

Bred for Production and Type

Four Proven Sires Head Our Herd

Seven records completed by us during the past eleven months, average 14369.25 lbs. milk and 704.15 lbs. fat—ALL IMMATURE CLASSES and INCLUDE TWO CLASS LEADERS.

This should be an establishment to look to for foundation stock.

Only two bull calves remain unsold - one is out of a Class Leader

HERD FEDERALLY ACCREDITED

NEGATIVE TO BLOOD TEST FOR CONTAGIOUS ABORTION

The farm that has the highest Washington City Health Department rating

King Segis Patent Lock

Ear Tags
Bull Staffs
Bull Rings
Hercules
Bull Ties
Show Halters

Description and prices sent on application
Address
H. A. MOYER, Inc.
Syracuse, N. Y. Dept. B

MANAGER

Position Wanted by married man, age 40, as manager of up to date Guernsey Farm. Life experience with Guernseys and A. R. work. Pennsylvania or Maryland preferred. Agriculture College training.

BOX H.E.C.
Guernsey Breeders' Journal
Peterboro, N. H.

Udder Diseases of the Cow
and Related Subjects
By Dr A. S. Alexander
Prof. of Vet. Science, U. of Wis.
A book every dairy expert needs.
Price, $2 20 postpaid
ALEXANDER SALES AGENCY
811 Spaight St. Madison, Wis.

DRY MILK SOLIDS
MADE OF FLUID FROM T.B. TESTED HERDS
For the Calves
COW'S SWEET SKIMMED MILK, IS THE ONE FEED THAT DEVELOPS LIVESTOCK
MARKET YOUR FLUID MILK
RANDEL & SMITH 90 WALL ST., N.Y.C.
ROUTE No 1 - SEYMOUR, CONN.

shipped to eastern markets. They are all grown from seed imported from France, Belgium, England and Germany. The seed is sown in greenhouses during January and February. The tiny plants are transplanted with tweezers into flats, where they are kept until transplanted into the lath houses from about the middle of May until the middle of July. Mr. Brown recently purchased a large ranch at Bonny Doon and now has 160 acres where narcissus and other bulbs are being planted.

Mr. Brown, realizing that fertilization of his bulb ranch was necessary, a number of years ago purchased a stock of pure bred Guernsey cattle and now ninety head of cows are being milked. Their milk supplies schools of Santa Cruz, the Southern Pacific dining cars, and restaurants in Los Angeles, San Francisco and Oakland, besides many other places too numerous too mention. Some of the milk travels over 2,000 miles before being used. This is the only certified dairy in this part of California.

Mr. Brown has recently added to his herd a son of Langwater Holliston 28055, a son of Langwater Juvis 100894, and a bull carrying five-eighths of the blood of Brookmead's White Face 32214. The dairy department of the farm is in charge of Dr. Allan K. Brown, a son of the owner, and they are planning on an extensive program of Advanced Register testing.

The ice cream plant and candy factory was visited and here the guests were treated to refreshing iced orangeade or an ice cream cone. Here the Moo Cow products were explained by Henry C. Naas, the

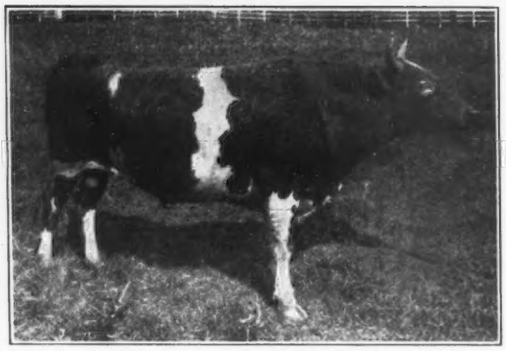
(Continued on Page A-4)

PURE BRED GUERNSEYS - Accredited Herd 131544
For Sale
COWS, BULLS, HEIFERS
for Breeding and Records
Send for Free Catalogue and Pictures
Kennecook Farm Co. Readfield, Maine

The "PERFECTION" Horn Trainer
Trains horns to your own liking; adds to the appearance of your herd and increases its value from 10 to 25%. Write for particulars.
ALVERNO MFG. CO. Manitowoc, Wis.

ASSOCIATIONS ATTENTION ! !
Dozens of Guernsey Breeders' Associations are using the Guernsey cream can as a special prize or award. Why not you?
Price, postage paid, $5.25
H. W. CLAPP, Jeweler
313 George Street New Brunswick, N. J.

Modern
Horn Chains
No Lock to Corrode
No key to lose
Send for circular
L. R Morford
Iowa City - Iowa



Hillbrook Valentino 100597 Our Senior Sire

Accredited Herd under State Inspection for Tuberculosis and Contagious Abortion

J. BARLOW CULLUM, *Owner*

RIVEREDGE FARMS
Reading - Pennsylvania

SIRES

SENIOR	JUNIOR
Hillbrook Valentino 100597	Langwater Claymore 120913
Langwater Horatius 63071, A. R.	Langwater Steadfast 31672, A. R.

We have now on hand a few young bulls sired by Langwater Claymore 120913

DAVID M. MANN, *Herd Mgr.*

1st. Prize

3 Year Old Senior and Grand CHAMPION COW

1928 Eastern States Exposition

Now 4 years old, has been milked since her first freshening with

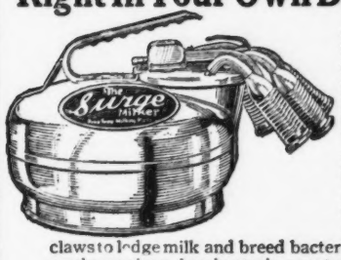
The Surge Milker

Langwater Hayes Daisy, 177726
Bethany-Homestead Guernsey Farms
Honesdale, Pa.

AGAIN!—The Surge helps ***another*** record female make a fine new record! This time it's Langwater Hayes Daisy of the famous Bethany-Homestead Guernsey Farms, Honesdale, Pa, who has been milked with The Surge Milker since her first freshening. Read Mr. Kinross' letter below. Breeders of record females of ALL breeds ***prefer*** The Surge because they ***know*** The Surge's gentle, natural, healthy, calf-like TUGGING action gets the milk as no other machine ever got it before. The Surge is ***safer***, easier on the cow, easier to operate and clean, milks ALL cows better and the cows like it better.

Free Demonstration

Right In Your Own Barn—On Your Own Cows



At our risk, with no obligation on your part, we will install The Surge right in your barn and milk ALL your cows for several milkings—***free!***—to ***prove*** that The Surge will milk ALL your cows faster, cleaner and better than any other machine. Remember—The Surge is the ***only*** machine with NO long Tubes and NO claws to lodge milk and breed bacteria. That's WHY The Surge produces clean, low-bacteria-count milk with ***less*** work and ***less*** expense than any other machine. Make us ***prove*** this—ask for a free demonstration today.

BETHANY-HOMESTEAD FARMS
Registered Guernseys
"Langwater Hayes Daisy, 177726, 1st Prize 3 years old Senior and Grand Champion cow at the 1928 Eastern States Exposition is now four years old and has been milked since her freshening with a Surge Milker."
R. M. Kinross
Herd Manager.

Send for Free Catalog

Even though you may now be using another milking machine you should investigate this wonderful new Surge Milker that is fast replacing other machines everywhere. Send for free catalog, details of our Free Demonstration Offer and our Easy Terms Offer. Get all the facts—mail coupon NOW!

Pine Tree Milking Machine Co., Dept. 17-11
2843 West 19th Street, Chicago, Ill.

Branches: Syracuse, N. Y. Berkeley, Calif. Minneapolis, Minn. Kansas City, Mo. Seattle, Wash. Philadelphia, Pa.

Pine Tree Milking Machine Company
Dept. 17-11 2843 West 19th Street, Chicago, Ill.

Please send me without cost or obligation your FREE Surge Book telling all about The Surge Milker and also tell me about your special FREE Demonstration and "Easy Terms" Offer.

Number of cows milked ..... *R.F.D.* .....

Name .....

Address .....

State .....

(Be Sure to Tell Us How Many Cows You Milk)

Flowers and Guernseys

(Continued from page A-2)

ice cream and candy maker. An automatic ice compressor is used and the various processes of ice cream making were watched with interest.

The candy factory is a new addition to the ranch the past year and the eight Moo Cow stores in Salinas, Watsonville, San Jose, Santa Cruz, Ben Lomond, Hollister and Capitola, are supplied with these toothsome sweets. Their equipment is such that they can make 1,000 gallons of ice cream a day and ten varieties of water ices and creams are made. The Dollar Steamship Company uses the Moo Cow ice cream on their round-the-world trips. The ice cream is placed in receptacles and then put in the hardening room, that has a zero degree coldness and remains there for twenty-four hours before it is used. Stock for all the Moo Cow stores is kept at the ice cream plant.

Guernsey Bull to Oklahoma

THE Oklahoma Agricultural and Mechanical College has recently purchased the bull, Gayoso De Soto Actor from Gayoso Farm. He is a son of Langwater Actor 60162 and out of Molly of Gayoso 79187 that has four Advanced Register records, the best one, made as a nine year old, is 15906.9 pounds of milk and 720.3 pounds of butter fat. This calf that is to head the Oklahoma herd is a full brother to Gayoso Molly's Actor 106869, the excellent type bull at the head of the herd of Dr. L. C. Fischer, Atlanta, Georgia.

Western New York Association Annual Meeting

THE annual meeting of the Western New York Guernsey Breeders' Association was held at Jamestown, New York, on December 3. The attendance was large and much interest was shown in the fawn and white. The continuous growth of several fine herds, together with the steady increase in demand for Golden Guernsey milk throughout this locality, is bringing this association to the front very rapidly. The showing of Guernseys at the Chautauqua County Fair this year was by far the largest ever displayed. The quality of the animals shown were of exceptional type, as well as being backed by heavy production. The officers of the association were elected as follows: President, L. A. Hawkins, owner of The Silver-Forest Fruit and Stock Farms, Silver Creek, New York; vice president, A. B. Swetland, owner of the Swetland Guernsey Farms, Mayville, New York; secretary-treasurer, Leon F. Gale, owner of Honey Brook Guernsey Farms, Mayville, New York.

Advanced Register Notes

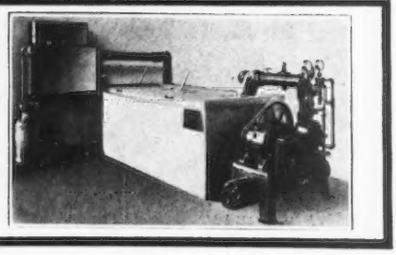
Fanchette of Elgercon 124282, bred and owned by Mrs. Gertrude L. C. Tucker, Willoughby, Ohio, has completed her fourth Advanced Register record. The four records are:

Milk	B. F.	Class
11127.3	646.6	G
11447.5	648.1	D
12797.7	698.1	A
12767.4	664.3	AAA

When her last record becomes official she should become a class leader taking fourth place.

Imp. Fanny's Girlie 228613, bred by H. Le H. Brehaut, Island of Guernsey, and owned by D. G. Tenney, Salem, New Hampshire, produced during October 2278.8 pounds of milk containing 88.42 pounds of butter fat in class A.

NOW Refrigeration for Every Farm



The same dependable and economical Brunswick-Kroeschell Refrigeration used so extensively all over the world for more than 30 years, is now available for the Dairy Farm. A careful study of the dairy farmer's problems has resulted in 7 specially designed Brunswick Milk Cooling Units—made to meet the requirements of every farm.

Send for Your FREE Copy

Write today to our New Brunswick Office, Department GB for your FREE copy of Bulletin 205 which gives the "WHY" and "HOW" of Milk Cooling.

BRUNSWICK-KROESCHELL COMPANY
Refrigerating and Ice Making Machinery
NEW BRUNSWICK, N. J. - CHICAGO, ILL.

ABORTION FREE HERD

Pennsylvania Abortion Accredited Herd No. 57

Federal Accredited 150042

Pure Bred Cows, Heifers and Bull Calves For Sale

S. C. PRICE, Owner
Hazelton, Pa.

COLDSPRING FARM
ST. JOHNS, PA.

DESIRES POSITION

AS Manager and Breeder of Guernsey Farm. Have bred A. R. females; successful fitter and showman; good calf raiser. Producer of Certified Milk and also have expert knowledge of crops including Alfalfa, Grains and Roots. Was former Guernsey Breeder and for twenty-three years a member of the American Guernsey Cattle Club. Place must be worth while and offer opportunity to produce results. Protestant, middle life, English by birth. A personal interview desired, will go anywhere.

BOX B. S. G.

Guernsey Breeders' Journal, Peterboro, N. H.

Activities in Central California

INTEREST in the Guernsey breed of dairy cattle is rapidly growing in Central California. A recent acquisition to the ranks of the Guernsey breeders of this section is Lloyd S. Webster of Fresno.

In September of the present year, George H. Webster, formerly Dairy Commissioner of the state of Montana, now temporarily a resident of Friday Harbor, Washington, brought to Fresno four females and two males of the Guernsey breed which he secured from the well known herd of Dr. A. Macrae Smith, of Bellingham, Washington.

These animals were loaded on a freight car at Bellingham, September 6, all but the junior calf being taken that day from the pasture, and shipped to Fresno, California, the trip taking six days. The Fresno District Fair was due to start in two weeks and it was decided to show the entire lot, although there was scant time to prepare them to meet the competition that they would meet and that included winners at most of the principal fairs in California.

Lloyd S. Webster had become the owner of four of the six animals, one bull and three females, and George H. Webster was the owner of the other two. One of the young bulls was not in condition because of the hot weather and was not shown. The others, five in number, won three firsts, two seconds, one third and junior champion female, in the open classes, and the silver cups for best Guernsey bull and best Guernsey cow in Fresno County. After the fair L. S. Webster purchased the junior yearling heifer that won first premium in her class, which gave him the entire number that was shown. These, with a pure bred yearling heifer which he had before form the nucleus of a herd combining type and production in their breeding, to an unusual extent.

In the cities of California, there is a wide-spread demand for market milk of better quality than has been sold there in the past. Not only is this demand for milk from tuberculin tested cows, but for milk higher in butter fat and of a richer color. This has caused a boom in Guernseys and many grades of that breed have been brought into the state. George H. Webster has shipped, since the beginning of the present year, five carloads of high grade Guernseys and Jerseys into the state, in addition to some pure breds. About four-fifths of the number were Guernseys. These recent additions to the few Guernseys already there will exert a marked influence in favor of the breed in Central California.

Shooting for a Record in 1929?

A lot of new high marks in milk production are going to be hung up this year—class records in all breeds and maybe a world's record or two.

If the rations used in making these records run true to past form a good many of them will contain

Diamond Corn Gluten Meal

as a big protein ingredient. Such record achievements in milk production as those of De Kol Plus Segis Dixie, Namrow, and La Noce's May Rose were made on test rations containing Diamond.

If you're trying for a record this year — or merely continuing the good old practice of getting a large and consistent flow of milk with complete safety to your herd—let Diamond help you. There is no single feed that can help you more.

Do you need formula suggestions?

We have some good ones free—Write:

RATION SERVICE DEPT.
CORN PRODUCTS REFINING CO.
17 BATTERY PLACE, NEW YORK CITY

MAKERS OF THE FEEDS THAT ARE
IN EVERY LIVE DEALER'S STOCK AND EVERY GOOD DAIRY RATION

40% Protein

RESERVATION GUERNSEYS

Federal Accredited Herd No. 45573

HERD SIRES: 1. ROUGHWOOD RESOLUTE 102346
Regent of Roughwood 67926
Pansy of Roughwood 70460
14018.4 lbs. milk 711.4 lbs. fat, Class B

2. RESERVATION PENWYN 125543
Reservation Pioneer 30421
Penta 43707
16759.0 lbs. milk, 888.3 lbs. fat in A
World's Record 10 year old when made

This herd is noted for the uniformly high testing quality.

We have some well developed young bulls, 8 to 12 months old, at attractive prices

TABER & MIGNIN - - CASTILE, N. Y.

SURPLUS COWS have been sold at very good average of prices.

We offer three coming yearling sons of Langwater Primate 107127, he by Langwater Steadfast 31672.

RED ECHO FARM

accredited and all negative

Topsham - - Vermont

ROBERT G. WETMORE

GUERNSEY AUCTIONEER

WINSTED, CONNECTICUT

WHY not have a trained Auctioneer who puts his whole personality into your sale to make it a true success. Let Quality Salesmanship, Courteous Service, Genuine Goodwill reign supreme on Sale Day. You might as well have the best and guarantee success.

A Guernsey Breeder who knows Guernseys

GRASSLAND FARMS

TACONIC, CONN.

ROBERT and HERBERT SCOVILLE, *Owners*

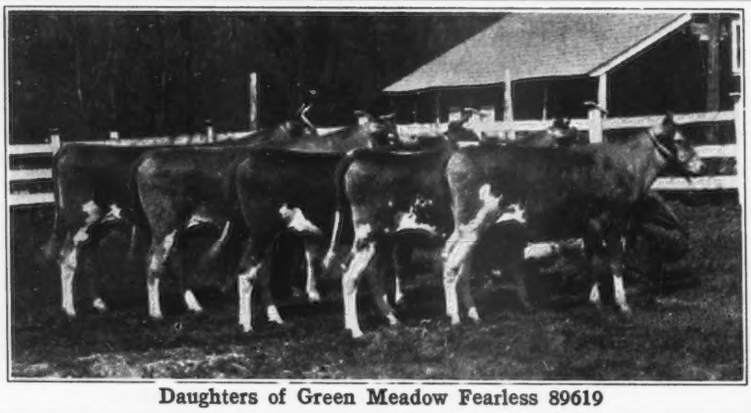
We have three nice baby BULLS of Valentine-Sequel Breeding

that are ready to go to breeders who want to raise herd bulls

Two of these are sired by Grassland Sequel Masher 86522 from daughters of Imp. Valentine's Honorable Sequel 51895. One is sired by Imp. Valentine's Honorable Sequel 51895 from a daughter of Imp. Honoria's Sequel II. 40668.

See our October 15 JOURNAL advertisement for pictures of sires of these calves.

Calves of this breeding sell quickly at our reasonable prices so if interested write now to E. G. WOODWARD.



Daughters of Green Meadow Fearless 89619

FLYING HILL FARMS

Green Meadow Fearless 98619

Sire: Langwater Steadfast 31672

Dam: Imp. Green Meadow Flora 110761 Class A record of 17773.4 lbs. milk, 832.8 lbs. fat.

The oldest of these heifers is on test in Class G and milking 37 lbs. per day—and testing 5%.

We offer her bull brother and other choice sons of "Fearless."

Accredited Herd — Blood Tested

C. & M. Archer - Reading, Pa.